

#	Title	Track name	Authors with affiliation and country	Session code	Session	Day	Date	Order	Start time	End time	Room
1570654099	Low-Cost and Simple Configuration Device-Free Indoor Localization: A Review	Computer and Information Technology Symposium	Dwi Joko Suroso, Nur Abdillah, Refa Rupaksi and Aditya Krisnawan (Universitas Gadjah Mada, Indonesia)	C2	2	Monday	7	1	10:55	12:25	Lapiz lazuli
1570640938	AR Heart: A User Experience Study in Cardiac Anatomy Learning Using Augmented Reality	Computer and Information Technology Symposium	Putrika Prastuti Ratna Gharini (Universitas Gadjah Mada & Sardjito General Hospital, Indonesia); Herianto Herianto (Universitas Gadjah Mada, Indonesia); Nur Arfian (Medical Faculty Gadjah Mada University, Indonesia); Ferdinandus Satria, Hanum Salsabila and Vita Arfiana Nurul Fatimah (Universitas Gadjah Mada, Indonesia)	C2	2	Monday	7	2	10:55	12:25	Lapiz lazuli
1570634004	The Adoption of MOOC to Improve Engineering Design Skill in a Capstone Project	Computer and Information Technology Symposium	Ridi Ferdiana (Universitas Gadjah Mada, Indonesia)	C2	2	Monday	7	3	10:55	12:25	Lapiz lazuli
1570652752	Analysis of Success Factors in the Implementation of ERP System in State Owned Enterprise Case Study PT. XYZ	Computer and Information Technology Symposium	Faiz Kautsar (University of Indonesia & PT. Bukalapak.com, Indonesia); Indra Budi (Faculty of Computer Science & Universitas Indonesia, Indonesia)	C2	2	Monday	7	4	10:55	12:25	Lapiz lazuli
1570645013	An Augmented Reality Application for Animal Learning Media at Alian Butterfly Park	Computer and Information Technology Symposium	Adhitya Erna Permanasari, Indriana Hidayah and Intan Sakkinah (Universitas Gadjah Mada, Indonesia)	C2	2	Monday	7	5	10:55	12:25	Lapiz lazuli
1570637017	Non-Linear EEG Based Emotional Classification Using K-Nearest Neighbor and Weighted K-Nearest Neighbor with Variation of Features Selection Methods	Computer and Information Technology Symposium	Dessy Ana Laila Laila Sari (Universitas Indonesia, Indonesia)	C3	3	Monday	7	1	13:10	14:40	Lapiz lazuli
1570644229	The Improvement of Character Recognition on ANPR Algorithm Using CNN Method with Efficient Grid Size Reduction	Computer and Information Technology Symposium	Ahmad Mushthofa (University of Gadjah Mada, Indonesia); Agus Bejo (Universitas Gadjah Mada, Indonesia); Risanuri Hidayat (Gadjah Mada University (UGM), Indonesia)	C3	3	Monday	7	2	13:10	14:40	Lapiz lazuli
1570636832	Topological Signatures as Complementary Features for Deep Learning Model: A Survey	Computer and Information Technology Symposium	Bijak Rabbani and Widijanto Nugroho (University of Indonesia, Indonesia)	C3	3	Monday	7	3	13:10	14:40	Lapiz lazuli
1570651802	A Study of Event Detection Methods in Eye-Tracking Based on Its Properties	Computer and Information Technology Symposium	Hafzatin Nurlatifa and Sunu Wibirama (Universitas Gadjah Mada, Indonesia); Rudy Hartanto (Gadjah Mada University & Electrical Engineering and Information Technology Departmen, Faculty of Engineering Gadjah Mada University, Indonesia)	C3	3	Monday	7	4	13:10	14:40	Lapiz lazuli
1570641295	Improvement of the Automatic Gamma Correction Method in Cloud Image Detection	Computer and Information Technology Symposium	Bayu Nadya Kusuma (Universitas Amikom Yogyakarta, Indonesia); Dian Budhi Santoso (Universitas Singaperbangsa Karawang, Indonesia)	C3	3	Monday	7	5	13:10	14:40	Lapiz lazuli
1570651432	Operational Dashboard Development as A Data Quality Monitoring Tools Using Data Deduplication Profiling Result	Computer and Information Technology Symposium	Sesillia Fajar Kristyanti (Jl. Gunung Jati RT 05 RW 08, Dampit, Malang & Telkom University, Indonesia); Tien Fabrianti Kusumasari and Ekky Novrizal Alam (Telkom University, Indonesia)	C4	4	Monday	7	1	14:40	16:10	Lapiz lazuli
1570637485	Determinant Factors of Hospital Information System (HIS) Success at XYZ Hospital Using Delone McLean IS Success Model	Computer and Information Technology Symposium	Nervy Meilin Siagian (Universitas Indonesia, Indonesia); Abdullah Jamil and Sofian Lusa (University of Indonesia, Indonesia); Pudy Prima and Dana I. Sensuse (Universitas Indonesia, Indonesia)	C4	4	Monday	7	2	14:40	16:10	Lapiz lazuli
1570636759	Factors Affecting the Implementation of SIKD at the National Archives of the Republic of Indonesia	Computer and Information Technology Symposium	Lufi Herawan (University of Indonesia & National Archives of The Republic of Indonesia, Indonesia)	C4	4	Monday	7	3	14:40	16:10	Lapiz lazuli
1570639940	Designing an Information System Effectiveness and Efficiency Measurement Model by Modifying the Human Organization Technology-Fit Model	Computer and Information Technology Symposium	Elvira Esperanza Sala (Institut Teknologi Sepuluh Nopember Indonesia, Indonesia); Apol Pribadi Subriadi (Institut Teknologi Sepuluh Nopember, Indonesia)	C4	4	Monday	7	4	14:40	16:10	Lapiz lazuli
1570651520	The Study of the Barriers to Digital Transformation in Higher Education: A Preliminary Investigation in Indonesia	Computer and Information Technology Symposium	Bayu Rima Aditya (Telkom University, Indonesia); Ridi Ferdiana and Sri Suning Kusumawardani (Universitas Gadjah Mada, Indonesia)	C4	4	Monday	7	5	14:40	16:10	Lapiz lazuli
1570644094	Designing ERP System for Smart SMEs Using Service Oriented Architecture Method for Smart Point of Sale	Computer and Information Technology Symposium	Dhiya Fathia, Umar Yunan Hediyanto and Muhardi Saputra (Telkom University, Indonesia)	C5	5	Monday	7	1	10:55	12:25	Sapphire
1570645517	A Specific Infinity Loop Model in TCG	Computer and Information Technology Symposium	Yuanzhe Jin (Northwestern University, USA); Yunru Ge (Carnegie Mellon University, USA); Jingting Liang (Harvard University, USA)	C5	5	Monday	7	2	10:55	12:25	Sapphire
1570644191	Modelization of Corium from Fukushima-Daichi Powerplant Using PANTHERE Codes	Computer and Information Technology Symposium	Rionaldy Rionaldy (UGM, Indonesia); Andang Harto (Universitas GadjahMada, Indonesia)	C5	5	Monday	7	3	10:55	12:25	Sapphire
1570645079	Performance Analysis of Profiling Module in Data Quality Management Application Using Open Source Tools	Computer and Information Technology Symposium	Karina Farizki Salmawati, Tien Fabrianti Kusumasari and Ekky Novrizal Alam (Telkom University, Indonesia)	C5	5	Monday	7	4	10:55	12:25	Sapphire

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1570640135	Analysis of Extended Enterprise Implementation in E-Commerce Business Model Case Study PT. XYZ	Computer and Information Technology Symposium	Bravyto Takwa Pangukur (University of Indonesia, Indonesia); Muhammad Rifki Shihab (Faculty of Computer Science, Universitas Indonesia, Indonesia); Bambang Parikenan (Universitas Indonesia, Indonesia); Faiz Kautsar (University of Indonesia & PT. Bukalapak.com, Indonesia); Kevin Christian (University of Indonesia, Indonesia)	C5		5	Monday	7	5 10:55	12:25	Sapphire
1570645431	Cardinality Single Column Analysis for Data Profiling Using an Open Source Platform	Computer and Information Technology Symposium	Tien Fabrianti Kusumasari, Sandy Amethyst and Muhammad Hasibuan (Telkom University, Indonesia); Widyatasya Nurtrisha (Bandung Institute of Technology, Indonesia)	C6		6	Monday	7	1 13:10	14:40	Sapphire
1570654131	Correlation Analysis of Breast Cancer Patient Data in Dr. Sardjito Hospital Yogyakarta	Computer and Information Technology Symposium	M Ivan Ariful Fathoni (Universitas Gadjah Mada & Universitas Nahdlatul Ulama Sunan Giri, Indonesia); Gunardi Gunardi, Fajar Adi-Kusumo and Susanna Hilda Hutajulu (Gadjah Mada University, Indonesia)	C6		6	Monday	7	2 13:10	14:40	Sapphire
1570645514	Design Guidelines and Process of Reference Data Quality Management Based on Data Management Body of Knowledge	Computer and Information Technology Symposium	Rangga Patra Pratiktio, Tien Fabrianti Kusumasari and Rokhman Fauzi (Telkom University, Indonesia)	C6		6	Monday	7	3 13:10	14:40	Sapphire
1570651135	Data Cleansing Processing Using Pentaho Data Integration: Case Study Data Deduplication	Computer and Information Technology Symposium	Dwi Cahya Setyawan, Tien Fabrianti Kusumasari and Ekky Novriza Alam (Telkom University, Indonesia)	C6		6	Monday	7	4 13:10	14:40	Sapphire
1570651800	Sentiment Analysis Website of Online Hotel Booking Application Reviews Using the Naive Bayes Algorithm	Computer and Information Technology Symposium	Zalina Fatima Azzahra, Rachmadita Andreswari and Muhammad Hasibuan (Telkom University, Indonesia)	C6		6	Monday	7	5 13:10	14:40	Sapphire
1570638738	Deep Learning for Sentiment Analysis in Indonesian Novel Review	Computer and Information Technology Symposium	Rifqi Fauzi Rahmadzani (University of Gadjah Mada, Indonesia); Widy Widyan (Gadjah Mada University, Indonesia); Teguh Bharata Adji (Universitas Gadjah Mada, Indonesia)	C7		7	Tuesday	8	1 08:45	10:15	Lapiz lazuli
1570648412	Indonesian Question Classification Using Feature Extraction and Selection Approach on Coarse and Fine Taxonomy	Computer and Information Technology Symposium	Irfandy Thalib and Widy Widyan (Gadjah Mada University, Indonesia); Indah Soesanti (Universitas Gadjah Mada, Indonesia)	C7		7	Tuesday	8	2 08:45	10:15	Lapiz lazuli
1570641114	Classification of Visual-Verbal Cognitive Style in Multimedia Learning Using Eye-Tracking and Machine Learning	Computer and Information Technology Symposium	Aloysius Gonzaga Pradnya Sidhawara, Sunu Wibirama and Teguh Bharata Adji (Universitas Gadjah Mada, Indonesia); Sri Kusrohmaniah (Gadjah Mada University, Indonesia)	C7		7	Tuesday	8	3 08:45	10:15	Lapiz lazuli
1570636771	Classification Driver's Behaviour Using Supervised Algorithm	Computer and Information Technology Symposium	Phounsiri Sihakhom (Universitas Gadjah Mada, Indonesia); Selo Sulisty (Gadjah Mada University, Indonesia); I Wayan Mustika (Universitas Gadjah Mada, Indonesia)	C7		7	Tuesday	8	4 08:45	10:15	Lapiz lazuli
1570644362	Phonocardiogram Classification Using Multilevel Wavelet Packet Entropy and Random Forest	Computer and Information Technology Symposium	Achmad Rizal (Telkom University, Indonesia); Inung Wijayanto (Telkom University & Universitas Gadjah Mada, Indonesia)	C7		7	Tuesday	8	5 08:45	10:15	Lapiz lazuli
1570640151	Lung and Colon Cancer Detection with Convolutional Neural Networks on Histopathological Images	Computer and Information Technology Symposium	Radical Rakhman Wahid, Chilyatun Nisa' and Rahayu Prabawati Amaliyah (Universitas Pembangunan Nasional Veteran Jawa Timur & Informatika, Indonesia); E Y Puspaningrum (Universitas Pembangunan Nasional Veteran Jawa Timur, Indonesia)	C8		8	Tuesday	8	1 10:15	11:45	Lapiz lazuli
1570652984	Estimation of Playout Time in Networks Using Fuzzy Logic Approach	Computer and Information Technology Symposium	Mohamed Elsayed Elkattan (Nuclear Materials Authority, Egypt)	C8		8	Tuesday	8	2 10:15	11:45	Lapiz lazuli
1570653937	Question Answering System in the Domain of Early Childhood Education in Bahasa Indonesia	Computer and Information Technology Symposium	Andri Dwi Utomo (Hasanuddin University, Indonesia); Zahir Zainuddin (University of Hasanuddin, Indonesia); Syafruddin Syarif (Hasanuddin University, Indonesia)	C8		8	Tuesday	8	3 10:15	11:45	Lapiz lazuli
1570650226	Image Enhancement on You Only Look Once (YOLO) Method to Detect Public Transportation of CCTV Image	Computer and Information Technology Symposium	Hudalizaman Hudalizaman (Universitas Gadjah Mada, Indonesia); Igi Ardiyanto (Universitas Gadjah Mada & Faculty of Engineering, Indonesia); Sunu Wibirama (Universitas Gadjah Mada, Indonesia)	C8		8	Tuesday	8	4 10:15	11:45	Lapiz lazuli
1570636255	Combination of First Order Statistical Feature and Gray Level Co-Occurrence Matrix for Cirebon Mask Classification	Computer and Information Technology Symposium	Felix Indra Kurniadi (Tanri Abeng University, Indonesia); Vinnia Kemala Putri (Universitas Indonesia & Fakultas Ilmu Komputer, Indonesia)	C9		9	Tuesday	8	1 12:45	14:15	Lapiz lazuli
1570637620	Network Architecture Search Method on Hyperparameter Optimization of Convolutional Neural Network: Review	Computer and Information Technology Symposium	Hudalizaman Hudalizaman (Universitas Gadjah Mada, Indonesia); Igi Ardiyanto (Universitas Gadjah Mada & Faculty of Engineering, Indonesia); Sunu Wibirama (Universitas Gadjah Mada, Indonesia)	C9		9	Tuesday	8	2 12:45	14:15	Lapiz lazuli

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1570651839	Predicting Customer Churn of Fire Insurance Policy: A Case Study in an Indonesian Insurance Company	Computer and Information Technology Symposium	Riyanto Jayadi, Adrianus Kelvin, Jerry Jery, Pravasta Rifyansyah, Muhammad Mufarikh and Hafizh Firmantyo (Bina Nusantara University, Indonesia)	C9		9 Tuesday	8	3	12:45	14:15	Lapiz lazuli
1570640240	Deep Learning Indonesian Chatbot Using PyTorch for Customer Support Automation	Computer and Information Technology Symposium	Mutiara Auliya (Universitas Gadjah Mada, Indonesia); Widy Widyanan (Gadjah Mada University, Indonesia); Lukito Edi Nugroho (Universitas Gadjah Mada, Indonesia)	C9		9 Tuesday	8	4	12:45	14:15	Lapiz lazuli
1570636120	Linear Dislocated Time Series - Deep Neural Network for Bearing Fault Classification	Computer and Information Technology Symposium	Pramudiyana A Harlianto, Noor Akhmad Setiawan and Teguh Bharata Adji (Universitas Gadjah Mada, Indonesia)	C10		10 Tuesday	8	1	14:15	15:45	Lapiz lazuli
1570644043	Applying Fuzzy Logic to Improve the Accuracy of Duval Triangle State Estimation Analysis for DGA Based Transformer Fault Classification	Computer and Information Technology Symposium	Teguh Handjojo DwiPutranto, Noor Akhmad Setiawan and Teguh Bharata Adji (Universitas Gadjah Mada, Indonesia)	C10		10 Tuesday	8	2	14:15	15:45	Lapiz lazuli
1570644361	Epileptic Electroencephalogram Signal Classification Using Wavelet Energy and Random Forest	Computer and Information Technology Symposium	Inung Wijayanto (Telkom University & Universitas Gadjah Mada, Indonesia); Syamsul Rizal (Telkom University, Indonesia); Sugondo Hadiyoso (Telkom University & Institut Teknologi Bandung, Indonesia)	C10		10 Tuesday	8	3	14:15	15:45	Lapiz lazuli
1570653104	Classification of P-wave Morphology Using New Local Distance Transform and Random Forests	Computer and Information Technology Symposium	Anton Purnawirawan (Institut Teknologi Sepuluh Nopember (ITS) Surabaya East Java, Indonesia); Adhi D Wibawa (Institut Teknologi Sepuluh Nopember, Indonesia); Diah Wulandari (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia)	C10		10 Tuesday	8	4	14:15	15:45	Lapiz lazuli
1570636170	User Interface and Usability Assessment of Mobile-Based Smart City Using Webqual 4.0 Approach: An Insight of Madura Island Districts	Computer and Information Technology Symposium	Aang Kisu Darmawan, Dr (Madura Islamic University & Faculty of Engineering, Indonesia); Daniel Siahaan (Institut teknologi Sepuluh Nopember, Indonesia); Tony Dwi Susanto (ITS, Indonesia); Hoiriyah Hoiriyah, Busro Umam and Bakir Bakir (Madura Islamic University, Indonesia)	C10		10 Tuesday	8	5	14:15	15:45	Lapiz lazuli
1570652412	Analysis of Title Influence on Popularity of Forum Postings Using Text Mining: Case Study on Kaskus.com	Computer and Information Technology Symposium	Friska Ginting, Natasha Angelica, Alkaton Sutikno and Riyanto Jayadi (Bina Nusantara University, Indonesia)	C11		11 Tuesday	8	1	08:45	10:15	Sapphire
1570648475	Modeling of Personality Traits Based on Demographic Data on Multi-Races Samples of Ages from 13 to 50 Years Old: Investigating the Effect of Race on Model	Computer and Information Technology Symposium	Iman Paryudi, Edi Winarko and Sigit Priyanta (Universitas Gadjah Mada, Indonesia); Sri Rezeki Candra Nursari (Pancasila University, Indonesia)	C11		11 Tuesday	8	2	08:45	10:15	Sapphire
1570641745	A Review of Feature Selection Techniques in Sentiment Analysis Using Filter, Wrapper, and Hybrid Methods	Computer and Information Technology Symposium	Pulung Hendro Prastyo (Universitas Gadjah Mada, Indonesia); Igi Ardiyanto (Universitas Gadjah Mada & Faculty of Engineering, Indonesia); Risanuri Hidayat (Gadjah Mada University (UGM), Indonesia)	C11		11 Tuesday	8	3	08:45	10:15	Sapphire
1570651907	Credit Card Fraud Detection Using Stacked Generalization	Computer and Information Technology Symposium	Siddhartha Mootha (College of Engineering, Guindy, India); Sashank Sridhar (Anna University, India)	C11		11 Tuesday	8	4	08:45	10:15	Sapphire
1570651548	Comparison of Vigenere Cipher and Affine Cipher in Three-Pass Protocol for Securing Image	Computer and Information Technology Symposium	Rahma Isnaini Masya (Universitas of Indonesia, Indonesia); Rizal Aji (University of Indonesia, Indonesia); Setiadi Yazid (Universitas Indonesia, Indonesia)	C12		12 Tuesday	8	1	10:15	11:45	Sapphire
1570640154	Comprehensive Survey of Cloud Intrusion Detection System	Computer and Information Technology Symposium	Aditya Nur Cahyo, Tri K Priyambodo and Mardhani Riasetiawan (Universitas Gadjah Mada, Indonesia)	C12		12 Tuesday	8	2	10:15	11:45	Sapphire
1570645499	Modeling Study of Priority Intrusion Response Selected on Intrusion Detection System Alert	Computer and Information Technology Symposium	Ariani Ariani (University of Indonesia, Indonesia); Muhammad Salman (Universitas Indonesia, Indonesia)	C12		12 Tuesday	8	3	10:15	11:45	Sapphire
1570653821	2D Modelling and Simulation Using Discrete Event Simulation and Agent-Based Simulation for Pesticide Manufacturing	Computer and Information Technology Symposium	Nurhayati Sembiring and Ryan I P Sipayung (USU, Indonesia)	C12		12 Tuesday	8	4	10:15	11:45	Sapphire
1570650293	Numerical Simulation of the Effect of Residual Stress on Dented Pipe to the Pipeline Failure	Computer and Information Technology Symposium	Andy Marlano (Gadjah Mada University, Indonesia); Joko Waluyo (University of Gadjah Mada, Indonesia)	C12		12 Tuesday	8	5	10:15	11:45	Sapphire
1570644303	A Multivariate Time Series-based Predictive Analytics to Forecast Jet Fuel Transaction Price	Computer and Information Technology Symposium	Agung Bayu Aji and Isti Surjandari (Universitas Indonesia, Indonesia)	C		#N/A	#N/A		#N/A	#N/A	#N/A
1570645451	The Effectiveness of Drone Emprit Overcoming Twitter Hoax to Strengthening Cyber Resilience	Computer and Information Technology Symposium	Imama Lavi (Universitas Gadjah Mada, Indonesia)	C		#N/A	#N/A		#N/A	#N/A	#N/A
1570640922	Radio Resource Management for Improving the Spectral Efficiency on D2D Underlying Communications Using A Modified Joint-Greedy Algorithm	Electronics, Power, Communication, Control, and Instrumentation Symposium	Bayu Setho Kusuma, Arfianto Fahmi, Vinsensius Sigit Widhi Prabowo and Dhoni Putra Setiawan (Telkom University, Indonesia)	E1		1 Monday	7	1	14:40	16:10	Sapphire

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1570638237	Optimization of Placement and Sizing DG and Capacitor Bank with Network Reconfiguration Considering Non Linear Load on Radial Distribution Network	Electronics, Power, Communication, Control, and Instrumentation Symposium	Muhira Faraby M (Institut Teknologi Sepuluh Nopember, Indonesia); Ontoseno Penangsang (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Rony Seto Wibowo (Institut Teknologi Sepuluh Nopember, Indonesia)	E1	1	Monday	7	2	14:40	16:10	Sapphire
1570651152	EEG Channel Selection Using Spatial Selection for Emotion Classification	Electronics, Power, Communication, Control, and Instrumentation Symposium	Elfan Alveraldo and Hilman Fauzi (Telkom University, Indonesia); Inung Wijayanto (Telkom University & Universitas Gadjah Mada, Indonesia); Achmad Rizal (Telkom University, Indonesia)	E1	1	Monday	7	3	14:40	16:10	Sapphire
1570636824	Performance Analysis of On-Off Keying Modulation on Underwater Visible Light Communication	Electronics, Power, Communication, Control, and Instrumentation Symposium	Brian Pamukti, Akhmad Hambali and Annisa Izmi Amalia (Telkom University, Indonesia)	E1	1	Monday	7	4	14:40	16:10	Sapphire
1570653941	Impulse Noise Modeling in an Indoor Narrowband Power Line Communication Channel Using M-QAM and a Software-Defined Radio Approach	Electronics, Power, Communication, Control, and Instrumentation Symposium	Akintunde Oluremi Iyiola, Ayokunle Damilola Familua, Thokozani Calvin Shongwe and Theo G. Swart (University of Johannesburg, South Africa)	E1	1	Monday	7	5	14:40	16:10	Sapphire
1570645518	Otaku: Intelligent Management System for Student-Intensive Dormitory	Electronics, Power, Communication, Control, and Instrumentation Symposium	Yuanzhe Jin and Maorong Wang (Northwestern University, USA); Chenrui Zhang (Southeast University, China)	E2	2	Tuesday	8	1	12:45	14:15	Sapphire
1570636033	Implementation and Performance Analysis WebSocket on Prototype of System Monitoring ATM Room	Electronics, Power, Communication, Control, and Instrumentation Symposium	Unan Y Oktiawati (Universitas Gadjah Mada, Indonesia)	E2	2	Tuesday	8	2	12:45	14:15	Sapphire
1570642758	DIY Home Security System: Functional and Performance Testing	Electronics, Power, Communication, Control, and Instrumentation Symposium	Unan Y Oktiawati (Universitas Gadjah Mada, Indonesia)	E2	2	Tuesday	8	3	12:45	14:15	Sapphire
1570641244	Embedded Application for Driver Drowsiness Monitoring System A Review	Electronics, Power, Communication, Control, and Instrumentation Symposium	Susaf Noor Azhar (University of Gadjah Mada, Indonesia); Igi Ardiyanto (Universitas Gadjah Mada & Faculty of Engineering, Indonesia); Agus Bejo (Universitas Gadjah Mada, Indonesia)	E2	2	Tuesday	8	4	12:45	14:15	Sapphire
1570645387	MMFO: Modifying the Moth Flame Optimization to Provide Fast Cluster Formation in VANET	Electronics, Power, Communication, Control, and Instrumentation Symposium	Ronald Adrian (Universitas Gadjah Mada, Indonesia); Selo Sulistyono (Gadjah Mada University, Indonesia); I Wayan Mustika (Universitas Gadjah Mada, Indonesia); Sahirul Alam (UGM, Indonesia)	E2	2	Tuesday	8	5	12:45	14:15	Sapphire
1570636115	Techno-Economic Analysis of Implementation IEEE 802.11Ah Standard for Smart Meter Application in Bandung Area	Electronics, Power, Communication, Control, and Instrumentation Symposium	Fachri Nugraha Adhiatma and Doan Perdana (Telkom University, Indonesia); Nachwan Mufti Adriansyah (Universitas Telkom, Indonesia)	E3	3	Tuesday	8	1	14:15	15:45	Sapphire
1570644170	Review on Battery Energy Storage System for Power System with Grid Connected Wind Farm	Electronics, Power, Communication, Control, and Instrumentation Symposium	Evando Diotama (Gadjah Mada University, Indonesia); Lesnanto Multa Putranto (Universitas Gadjah Mada, Indonesia); Sarjiya Sarjiya and Roni Irnawan (Gadjah Mada University, Indonesia)	E3	3	Tuesday	8	2	14:15	15:45	Sapphire
1570639674	Multi-Agent Formation with Size Scaling via Self-Position Feedback	Electronics, Power, Communication, Control, and Instrumentation Symposium	Djati Wibowo Djamari, Muhamad Rausyan Fikri, Malik Athafarras and Nadhifatul Maulidati (Sampoerna University, Indonesia); Steven Mark Levy (University of Arizona, Indonesia); Abdul Dwi Nur Cahyo, Maria Anggi Octaviani, Mohammad Farhan Ramdhany and Farid Triawan (Sampoerna University, Indonesia)	E3	3	Tuesday	8	3	14:15	15:45	Sapphire
1570644281	A Simple Modeling of Wind Turbine When the Lightning Strike	Electronics, Power, Communication, Control, and Instrumentation Symposium	A P Kurniawan (Universitas Gadjah Mada, Indonesia); Danang Wijaya (UGM, Indonesia); Sasongko Hadi (Universitas Gadjah Mada, Indonesia)	E3	3	Tuesday	8	4	14:15	15:45	Sapphire
1570649727	Agriculture Sector Workers and Rice Production in Riau Province in 2010-2018	Geoscience and Environmental Management Symposium	Yolla Yulianda (Gadjah Mada University, Indonesia); Rika Harini (Universitas Gadjah Mada, Indonesia)	G1	1	Monday	7	1	09:25	10:55	Amber
1570636920	Farm Worker Households in Wonorejo Village, Baluran National Park: Socio-Demographic Characteristics and Economic Assets	Geoscience and Environmental Management Symposium	Ratri Purnama Dewi, Monita Deka Martiwi, Yolanda Fikrina Aziza and Sri Rahayu Budiani (Universitas Gadjah Mada, Indonesia); Abraham Cárdenas Tristán (Autonomus University Of San Luis Potosí, Mexico)	G1	1	Monday	7	2	09:25	10:55	Amber
1570644369	The Comparison Analysis of TL-SDI Values, Within Area Post Administrative on Oecusse Municipality	Geoscience and Environmental Management Symposium	Sri Endang Purwatarningsih (Gadjah Mada University, Indonesia); Sri Giyarsih and Sukamdi Sukamdi (Universitas Gadjah Mada, Indonesia)	G1	1	Monday	7	3	09:25	10:55	Amber
1570644372	Timor-Leste Population on Internal Migration, in the Analysis of Direction, Flow, Pathways, Boundaries, and Procedures International	Geoscience and Environmental Management Symposium	Sri Endang Purwatarningsih (Gadjah Mada University, Indonesia); Sri Giyarsih and Sukamdi Sukamdi (Universitas Gadjah Mada, Indonesia)	G1	1	Monday	7	4	09:25	10:55	Amber

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1570641268	Hydrological Exploration in Karst Suaran, Berau, East Kalimantan-Indonesia	Geoscience and Environmental Management Symposium	Wilda Fathoni (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Margaretha Widyastuti (Universitas Gadjah Mada, Indonesia); Eko Haryono (Gadjah Mada University, Indonesia); Hendy Fatchurohman (Universitas Gadjah Mada, Indonesia); Mohammad Labib (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G1	1	Monday	7	5	09:25	10:55	Amber
1570636822	Demographic Transition and Population Ageing in Yogyakarta	Geoscience and Environmental Management Symposium	Muhammad Arif Fahrudin Alfana (Universitas Gadjah Mada & Faculty of Geography, Indonesia); Rizky Laudiansyah, Navila Fauziyanti, Mohammad Isnaini Sadali, Novia Ismayuni and Rivo Maulana (Universitas Gadjah Mada, Indonesia)	G2	2	Monday	7	1	10:55	12:25	Amber
1570636753	The Influence of Adolescent Characteristics Toward the Knowledge About Generation Planning in Sub-Village of Family Planning	Geoscience and Environmental Management Symposium	Lucia Sandra Budiman and Umi Listyaningsih (Universitas Gadjah Mada, Indonesia)	G2	2	Monday	7	2	10:55	12:25	Amber
1570640688	Land Resource Analysis in Jakarta Special Province, Indonesia	Geoscience and Environmental Management Symposium	Kurniasari Kurniasari, Dewina Inggar Santi, Dzakwan Taufiq Nur Muhammad, Agung Laksono, Laelina Rahmawati and Wisha Puti Maulidina (Universitas Gadjah Mada, Indonesia)	G2	2	Monday	7	3	10:55	12:25	Amber
1570645398	Sustaining Subsistence Culture in Mamar Agroforestry Management in West Timor, is It Possible?	Geoscience and Environmental Management Symposium	Alfred Umbu Kuala Ngaji (Universitas Gadjah Mada & Politeknik Pertanian Negeri Kupang, Indonesia); Muhammad Baiquni, Hatma Suryatmojo, Eko Haryono (Universitas Gadjah Mada, Indonesia)	G2	2	Monday	7	4	10:55	12:25	Amber
1570653750	Spatial Distribution of Agricultural Land Carrying Capacity in Purworejo Regency	Geoscience and Environmental Management Symposium	Sudrajat Sudrajat (University of Gadjah Mada, Indonesia); Ananda Trisakti Nugroho (Gadjah Mada University, Indonesia)	G2	2	Monday	7	5	10:55	12:25	Amber
1570651012	Local Residents' Sense of Autonomy Towards Marine-Based Adventure Tourism Development in Ambon	Geoscience and Environmental Management Symposium	Muhammad Rizali Umarella, Muhammad Baiquni, Sigit Heru Murti and Muh Aris Marfai (Universitas Gadjah Mada, Indonesia)	G3	3	Monday	7	1	13:10	14:40	Amber
1570639708	Trends of Significant Wave Height and Sea Level in the Southern Water of the Special Region of Yogyakarta	Geoscience and Environmental Management Symposium	Martono Martono (LAPAN, Indonesia)	G3	3	Monday	7	2	13:10	14:40	Amber
1570638447	Vegetation Covers Change and Its Impact on Barchan Dune Morphology in Parangtritis Coast, Indonesia	Geoscience and Environmental Management Symposium	Agung Laksono, Agatha Andriantari Saputri, Calvina Izumi Bunga Pratiwi and Muhammad Arkan (Universitas Gadjah Mada, Indonesia)	G3	3	Monday	7	3	13:10	14:40	Amber
1570641300	How Important Risk Analysis of Plastic Pollution in Coastal Area? Case Study in Masohi, Central Maluku	Geoscience and Environmental Management Symposium	Bachtiar Wahyu Mutaqin and Muh Aris Marfai (Coastal and Watershed Research Group, Faculty of Geography, Universitas Gadjah Mada, 55281 Bulaksumur, Indonesia); Muhammad Helmi (Department of Oceanography, Faculty of Fisheries and Marine Science, Universitas Diponegoro, 50275 Semarang, Indonesia); Nurhadi Nurhadi (Faculty of Teacher and Training Education, Universitas Sebelas Maret, 57126 Surakarta, Indonesia); Muhammad Rizali Umarella and Miftakhul Munir (Coastal and Watershed Research Group, Faculty of Geography, Universitas Gadjah Mada, 55281 Bulaksumur, Indonesia)	G3	3	Monday	7	4	13:10	14:40	Amber
1570637997	Quality Assessment of Road Network to Seplawan Cave in Donorejo Village, Central Java	Geoscience and Environmental Management Symposium	Julia Thio, Thalia Mutiara Fikri, Adrianus Farrel Widhatama, Evania Farrellyn Puspa Darmayanti, Mirna Ayu Setyaningrum, Muhammad Riza Baihaqi, Umi Alifa Jamil and Emilya Nurjani (Universitas Gadjah Mada, Indonesia); Ratih Putri (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G3	3	Monday	7	5	13:10	14:40	Amber
1570653727	Quantification of Agricultural Land Balance Sheet of Purworejo District in 2009 and 2018	Geoscience and Environmental Management Symposium	Ananda Trisakti Nugroho (Gadjah Mada University, Indonesia); Sudrajat Sudrajat (University of Gadjah Mada, Indonesia)	G4	4	Monday	7	1	14:40	16:10	Amber
1570653931	Population Characteristics and Distribution Patterns of Slum Areas in Palembang City: Getis Ord Gi* Analysis	Geoscience and Environmental Management Symposium	Sukmaniar Sukmaniar (University of PGRI Palembang & Gadjah Mada University, Indonesia); Andri Kurniawan (Universitas Gadjah Mada, Indonesia); Agus Pitoyo (Universitas Gadjah Mada & Indonesia, Indonesia)	G4	4	Monday	7	2	14:40	16:10	Amber
1570643838	Various ICT-based Applications and Their Uses to Support Smart City Implementation in the Regency of Blora	Geoscience and Environmental Management Symposium	Rini Rachmawati, Pinta Rachmadani, Vivy Nur Anifa and Fina Lutfiana (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G4	4	Monday	7	3	14:40	16:10	Amber

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1570634354	The Correlation Analysis Between Urbanization Phenomena and Land Use Change on Jakarta Land Deformation Area	Geoscience and Environmental Management Symposium	Ratih Putri (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G4		4	Monday	7	4 14:40	16:10	Amber
1570640266	Analytical Hierarchy Process for Regional Development Priority in Donorejo, Central Java	Geoscience and Environmental Management Symposium	Rahma Aulia Zahra, Muhammad Galih Prakosa, Eunike Olivia Danni Kusuma, Ismanita Prahara, Benaya Valentino Ginting, Rahmatullah Tri Nanda Putra and Emilya Nurjani (Universitas Gadjah Mada, Indonesia); Ratih Putri (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G4		4	Monday	7	5 14:40	16:10	Amber
1570648471	Economic Valuation of Blue Lagoon Tourism Village Widodomartani Sleman	Geoscience and Environmental Management Symposium	Fikri Nurrachman Ernawan and Rika Harini (Universitas Gadjah Mada, Indonesia)	G5		5	Monday	7	1 09:25	10:55	Coral
1570653651	Relationship Analysis of Vegetation Structural Properties and the Aboveground Carbon Stock of Mangrove Forest	Geoscience and Environmental Management Symposium	Eva Purnamasari, Muhammad Kamal and Pramaditya Wicaksono (Universitas Gadjah Mada, Indonesia)	G5		5	Monday	7	2 09:25	10:55	Coral
1570638980	STUDY OF ENVIRONMENTAL MANAGEMENT BASED ON PERI-KARST COMMUNITY INTERACTION PATTERN (Case Study: Long Lanuk Village, Sangkulirang-Mangkalihat Karst Area, East Kalimantan)	Geoscience and Environmental Management Symposium	Aries Siswanto (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Eko Haryono (Gadjah Mada University, Indonesia); Muhammad Baiquni (Universitas Gadjah Mada, Indonesia); Wilda Fathoni (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G5		5	Monday	7	3 09:25	10:55	Coral
1570636431	Early Marriage in Yogyakarta	Geoscience and Environmental Management Symposium	Seri Aryati (Universitas Gadjah Mada, Indonesia); Sofi Yulianti and Rahma Hardinasari (Faculty of Geography, Gadjah Mada University, Indonesia)	G5		5	Monday	7	4 09:25	10:55	Coral
1570636012	The Removal of Lead by Natural Zeolite	Geoscience and Environmental Management Symposium	Wawan Budianta (Universitas Gadjah Mada, Indonesia)	G5		5	Monday	7	5 09:25	10:55	Coral
1570640088	Laboratory Study on the Use of Natural Zeolite from Gunungkidul, Indonesia for Cu, Pb, Zn and Cd Immobilization in Soil	Geoscience and Environmental Management Symposium	Wawan Budianta (Universitas Gadjah Mada, Indonesia)	G6		6	Monday	7	1 10:55	12:25	Coral
1570653836	Assessment of Groundwater Resources Potential Using Geoelectrical Method and Slug Test in Tegal District, Central Java Province, Indonesia	Geoscience and Environmental Management Symposium	Wahyu Wilopo (Gadjah Mada University & Gama-InaTEK, Indonesia); Doni Putra (Gajah Mada University, Indonesia); Moch Rachman (GAMA-InaTEK, Universitas Gadjah Mada, Indonesia)	G6		6	Monday	7	2 10:55	12:25	Coral
1570636729	Relationship Between Pit Slope Design and Coal Reserve Estimation in Pit X, Muara Enim, South Sumatra Province	Geoscience and Environmental Management Symposium	Taufiq Muhammad Wijayanto (Gadjah Mada University, Indonesia); Wahyu Wilopo (Gadjah Mada University & Gama-InaTEK, Indonesia); I Gede Budi Indrawan (UGM, Indonesia)	G6		6	Monday	7	3 10:55	12:25	Coral
1570644063	Assessment of Groundwater Pollution Risk Potential Using DRASTIC Model in Yogyakarta City, Indonesia	Geoscience and Environmental Management Symposium	Syampadzi Nurroh, Totok Gunawan and Andri Kurniawan (Universitas Gadjah Mada, Indonesia)	G6		6	Monday	7	4 10:55	12:25	Coral
1570653187	Study of Groundwater Vulnerability to Contamination Using the DRANTHVP Method in Wates Groundwater Basin, Indonesia	Geoscience and Environmental Management Symposium	Margaretha Widyastuti (Universitas Gadjah Mada, Indonesia); Sufia Nur Ahadiyah (University of Gadjah Mada, Indonesia)	G6		6	Monday	7	5 10:55	12:25	Coral
1570637872	Groundwater Vulnerability Assessment to Pollution in Kasihan, Bantul Regency: A Comparative Method Study (GOD, SINTACS and DRASTIC)	Geoscience and Environmental Management Symposium	Setyawan Purnama (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	G7		7	Monday	7	1 13:10	14:40	Coral
1570649961	Integrated Groundwater Resource Management in the Peri-Urban Area of Banguntapan, Bantul	Geoscience and Environmental Management Symposium	Setyawan Purnama (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Sekar Salamah and Kartika Wandari (Universitas Gadjah Mada, Indonesia)	G7		7	Monday	7	2 13:10	14:40	Coral
1570649956	Groundwater Potency for Domestic Demand in Banguntapan District, Bantul Regency	Geoscience and Environmental Management Symposium	Setyawan Purnama (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Sekar Salamah (Universitas Gadjah Mada, Indonesia)	G7		7	Monday	7	3 13:10	14:40	Coral
1570636694	Application of Geostatistics to Complete Uranium Resources Estimation of Rabau Hulu Sector, Kalan, West Kalimantan	Geoscience and Environmental Management Symposium	Roni C Ciputra (Center for Nuclear Mineral Technology, National Nuclear Energy Agency of Indonesia (BATAN) & PTBGN BATAN, Indonesia); Suharji Suharji, Dhatu Kamajati and Heri Syaeful (Center for Nuclear Mineral Technology, National Nuclear Energy Agency of Indonesia (BATAN), Indonesia)	G7		7	Monday	7	4 13:10	14:40	Coral
1570653951	Minimizing Carbon Loss Through Integrated Water Resource Management on Peatland Utilization in Pulau Burung, Riau, Indonesia	Geoscience and Environmental Management Symposium	Nurul Ihsan Fawzi, Annisa Noyara Rahmasary and Ika Zahara Qurani (Tay Juhana Foundation, Indonesia)	G7		7	Monday	7	5 13:10	14:40	Coral
1570636726	Determination of Scandium in Mafic and Ultramafic Rocks of Ophiolite from Luk Ulo Complex, Karangsembung, Central Java, Indonesia	Geoscience and Environmental Management Symposium	Nugroho Imam Setiawan, Kardo Silitonga and Fahmi Makkaratte (Universitas Gadjah Mada, Indonesia); Chusni Ansori (Universitas Gadjah Mada & Indonesian Institute of Sciences, Karangsembung Information and Conservation Centre for Earth (LIPI), Indonesia)	G8		8	Monday	7	1 14:40	16:10	Coral

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1570645496	Hummocky Terrain of the Kalibabak Debris Avalanche Deposit, Lombok Island, Indonesia	Geoscience and Environmental Management Symposium	Mukhamad Malawani (Universitas Gadjah mada, Indonesia); Franck Lavigne (Université Paris 1 Panthéon-Sorbonne); Danang Hadmoko and Muh Aris Marfai (Universitas Gadjah Mada, Indonesia); Bachtiar Wahyu Mutaqin (Faculty of Geography, Universitas Gadjah Mada & Center of Marine Resources and Technology, Universitas Gadjah Mada, Indonesia)	G8	8	Monday	7	2	14:40	16:10	Coral
1570636542	Mask R-CNN for Rock-Forming Minerals Identification on Petrography, Case Study at Monterado, West Kalimantan	Geoscience and Environmental Management Symposium	Muhammad Ridwan Iyas and Nugroho Imam Setiawan (Universitas Gadjah Mada, Indonesia); Wayan Warmada (UGM, Indonesia)	G8	8	Monday	7	3	14:40	16:10	Coral
1570653574	Water Quality Analysis of the PDAM Drinking Water Distribution Network at the Baron-Ngobaran Management Unit, Gunungkidul Regency - Indonesia	Geoscience and Environmental Management Symposium	Muhammad Ridho Irshabdillah and Margaretha Widyastuti (Universitas Gadjah Mada, Indonesia)	G8	8	Monday	7	4	14:40	16:10	Coral
1570636879	Field Measurement of Ground Temperatures in Bandung: Devices and the Results of Measurement	Geoscience and Environmental Management Symposium	Muhammad Nur Fajri Alfata (Research Institute for Housing and Human Settlements, Ministry of Public Works and Housing, Indonesia); Amalia Nurjannah (Research Institute for Housing and Human Settlements, Indonesia)	G8	8	Monday	7	5	14:40	16:10	Coral
1570643820	Nutrient Content, Fiber Fraction and Ethanol Production of Three Cultivars (Pennisetum Purpureum Schumach.)	Geoscience and Environmental Management Symposium	Dwi Ananta (Universitas Gadjah Mada, Indonesia); Zaenal Bachrudin, Zb (Universitas Gadjah Mada & Faculty of Animal Sciences, Indonesia); Bambang Suhartanto (Universitas Gadjah Mada, Indonesia); Chusnul Hanim (Faculty of Animal Sciences Gadjah Mada University, Indonesia); Nafiatul Umami (Faculty of Animal Sci Ugm, Indonesia)	G9	9	Monday	7	1	09:25	10:55	Jasper
1570636919	Geomorphology and Iron Sand Potensial at Coastal Sediment Morphology, Kebumen Regency	Geoscience and Environmental Management Symposium	Chusni Ansori (Universitas Gadjah Mada & Indonesian Institute of Sciences, Karangsambung Information and Conservation Centre for Earth (LIPI), Indonesia); Agung Setianto, Nugroho Imam Setiawan and I Wayan Warmada (Universitas Gadjah Mada, Indonesia); Puguh Raharjo (Universitas Gadjah Mada&Indoesian Institute of Sciences, Indonesia)	G9	9	Monday	7	2	09:25	10:55	Jasper
1570652933	Water Quality Index and Pollution Loading Capacity of Setu Babakan, Jakarta-Indonesia	Geoscience and Environmental Management Symposium	Arina Khofiyanda and Margaretha Widyastuti (Universitas Gadjah Mada, Indonesia)	G9	9	Monday	7	3	09:25	10:55	Jasper
1570650370	Temporal Variation of Water Suitability for Paddy Irrigation Needs at Karst Springs Influenced by Allogenic Recharge in Gunungsewu Karst Area, Indonesia	Geoscience and Environmental Management Symposium	Ahmad Cahyadi (Universitas Gadjah Mada, Indonesia)	G9	9	Monday	7	4	09:25	10:55	Jasper
1570644802	Effects of Heavy Rainfall on the Slope Stability - A Case Study on Imogiri Cemetery: The Graveyard Complex of Mataram Royal Kings	Geoscience and Environmental Management Symposium	Shofwatul Fadilah and Djoko Luknanto (Universitas Gadjah Mada, Indonesia)	G9	9	Monday	7	5	09:25	10:55	Jasper
1570641206	Vulnerability Assessment of Residential Buildings to Tidal Flood Hazards in Sriwulan Village, Sayung Sub-District, Demak Regency	Geoscience and Environmental Management Symposium	Sani Afifah and Dyah Rahmawati Hizbaron (Universitas Gadjah Mada, Indonesia)	G10	10	Monday	7	1	10:55	12:25	Jasper
1570641304	Exposure and Loss Assessment of Soil Liquefaction in Coastal Area of Kulonprogo, Indonesia	Geoscience and Environmental Management Symposium	Rizki Adriadi Ghiffari (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Rini Rachmawati and Raden Rijanta (Universitas Gadjah Mada, Indonesia)	G10	10	Monday	7	2	10:55	12:25	Jasper
1570639604	Structural Mitigation Measures for Flood Reduction in Urban Area: A Case Study of Ciliwung Watershed	Geoscience and Environmental Management Symposium	Rian Mantasa Salve Prastica (Universitas Gadjah Mada, Indonesia)	G10	10	Monday	7	3	10:55	12:25	Jasper
1570644123	Analysis of Rainfall-Triggered Landslide in Baleagung Village, Magelang Regency, Central Java	Geoscience and Environmental Management Symposium	Putria Widya Budiarti, Teuku Faisal Fathani and Fikri Faris (Universitas Gadjah Mada, Indonesia)	G10	10	Monday	7	4	10:55	12:25	Jasper
1570641107	Housing Rehabilitation and Reconstruction in Central Sulawesi Post-2018 Earthquake	Geoscience and Environmental Management Symposium	Nur Hidayah (Gadjah Mada University, Indonesia); Iman Satyarno (Universitas Gadjah Mada, Indonesia); Ashar Saputra (Gadjah Mada University, Indonesia)	G10	10	Monday	7	5	10:55	12:25	Jasper
1570635899	Quantifying Urban Physical Growth Types in Banda Aceh City After the 2004 Indian Ocean Tsunami	Geoscience and Environmental Management Symposium	Ikhwan Amri and Sri Giyarsih (Gadjah Mada University, Indonesia)	G11	11	Tuesday	8	1	08:45	10:15	Amber
1570650669	Impact and Economic Value of Agricultural Land Conversion in Sub-urban of Bantul Regency	Geoscience and Environmental Management Symposium	Hestina Fandani (Gadjah Mada University, Indonesia); Rika Harini (Gadjah Mada University)	G11	11	Tuesday	8	2	08:45	10:15	Amber
1570653851	Application of the Compact City Concept in Educational Condongcatur Area	Geoscience and Environmental Management Symposium	Finky Larasati (University of Indonesia, Indonesia); Ayomi Dita Rarasati and Antony Sihombing (Universitas Indonesia, Indonesia)	G11	11	Tuesday	8	3	08:45	10:15	Amber

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1570640165	Characteristic of Multi-Ethnic Settlement in Indonesia, A Case Study: Kampung 3-4 Ulu Laut Settlement on Musi Riverbank in Palembang City	Geoscience and Environmental Management Symposium	Endy Agustian, Rini Rachmawati and Raden Rijanta (Universitas Gadjah Mada, Indonesia); Agus Pitoyo (Universitas Gadjah Mada & Indonesia, Indonesia)	G11	11	Tuesday	8	4	08:45	10:15	Amber
1570634537	Investigating Urban Space: Potential Urban Green Space in Dense City of Yogyakarta	Geoscience and Environmental Management Symposium	Dyah Widayastuti (Universitas Gadjah Mada, Indonesia); Bagus Mudiantoro (University of Edinburgh Business School, United Kingdom (Great Britain)); Lilik Andriyani (Pusat Studi Infrastruktur Indonesia, Indonesia)	G11	11	Tuesday	8	5	08:45	10:15	Amber
1570636616	Spatial Distribution of Slums and It's Association with Disaster Vulnerability in Yogyakarta City	Geoscience and Environmental Management Symposium	Djaka Marwasta (University of Gadjah Mada, Indonesia); Theresia Rahayu (Faculty of Geography UGM, Indonesia)	G12	12	Tuesday	8	1	10:15	11:45	Amber
1570651585	The Effect of Alfalfa (Medicago Sativa L.) on Different Basal Feeds for Hybrid Duck Performance	Geoscience and Environmental Management Symposium	Salnan Irba Novaela Samur (Universitas Gadjah Mada, Indonesia)	G12	12	Tuesday	8	2	10:15	11:45	Amber
1570651575	Supplementation Alfalfa (Medicago Sativa L.) in Commercial Feed on Physic and Chemical Quality Meat of Hybrid Duck	Geoscience and Environmental Management Symposium	Safira Amalina Addini (Universitas Gadjah Mada, Indonesia)	G12	12	Tuesday	8	3	10:15	11:45	Amber
1570650086	Financial and Ecological Compensation Based on Willingness to Accept in Sand Mining of Progo River Downstream	Geoscience and Environmental Management Symposium	Rizka Widyantari and Rika Harini (Universitas Gadjah Mada, Indonesia)	G12	12	Tuesday	8	4	10:15	11:45	Amber
1570645489	Contribution of Waste Bank in Reducing Greenhouse Gas Emissions in Bandung Regency	Geoscience and Environmental Management Symposium	Idea Wening Nurani, Sandy Budi Wibowo, Zithny Ilman Prihastopo and Aura Puteri Pelangi (Universitas Gadjah Mada, Indonesia); Sunardi Sunardi (Universitas Padjadjaran, Indonesia)	G12	12	Tuesday	8	5	10:15	11:45	Amber
1570645475	Q Methodology to Determine Distinguishing and Consensus Factors (a Case Study of University Students' Ecoliteracy on Disaster Risk Reduction)	Geoscience and Environmental Management Symposium	Aldila Rahma, Djati Mardiatno and Dyah Rahmawati Hizbaron (Universitas Gadjah Mada, Indonesia)	G12	12	Tuesday	8	6	10:15	11:45	Amber
1570640063	Speleogenetic Process of Suaran Block, Karst of Sangkulirang - Mangkalihat, East Kalimantan	Geoscience and Environmental Management Symposium	Hilary Reinhart (Universitas Gadjah Mada, Indonesia); Mohammad Labib (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Eko Haryono (Gadjah Mada University, Indonesia)	G14	14	Tuesday	8	1	08:45	10:15	Coral
1570636043	Chlorophyll-a Variability During Positive IOD - The East Season Period in 2019 in Padang Sea, Indonesia	Geoscience and Environmental Management Symposium	Muh Aris Marfai (Universitas Gadjah Mada, Indonesia); Dandi Arianto Pelly (Universitas Gadjah Mada, Yogyakarta, Indonesia); Evita Pangaribowo (Universitas Gadjah Mada, Indonesia); Akhmad Fadholi (Indonesia Meteorological Agency & Faculty of Geography, Gadjah Mada University, Indonesia)	G14	14	Tuesday	8	2	08:45	10:15	Coral
1570653640	Total Maximum Daily Loads of Beton Reservoir, Gunungkidul Regency, Indonesia During the Rainy Season	Geoscience and Environmental Management Symposium	Febby Firizqi and Margaretha Widayastuti (Universitas Gadjah Mada, Indonesia)	G14	14	Tuesday	8	3	08:45	10:15	Coral
1570649958	Groundwater Vulnerability Study Using SINTACS Method in Banguntapan District, Bantul Regency	Geoscience and Environmental Management Symposium	Setyawan Purnama (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Kartika Wandari (Universitas Gadjah Mada, Indonesia)	G14	14	Tuesday	8	4	08:45	10:15	Coral
1570644040	Improving Normalization Method of Higher-Order Neural Network in the Forecasting of Oil Production	Geoscience and Environmental Management Symposium	Joko Nugroho Prasetyo, Noor Akhmad Setiawan and Teguh Bharata Adji (Universitas Gadjah Mada, Indonesia)	G14	14	Tuesday	8	5	08:45	10:15	Coral
1570645504	Estimation of Development Karst Aquifer Based on MRC Analysis and Flood Hydrograph Component in Guntur Spring, Sub-system Hydrogeology of Panggang, Gunung Sewu Karst Area	Geoscience and Environmental Management Symposium	Muhammad Naufal and Tjahyo Nugroho Adji (Universitas Gadjah Mada, Indonesia); Ahmad Cahyadi (Faculty of Geography, Universitas Gadjah Mada, Indonesia); Indra Riyanto (Universitas Gadjah Mada, Indonesia); Eko Haryono (Gadjah Mada University, Indonesia)	G15	15	Tuesday	8	1	10:15	11:45	Coral
1570636746	Control of Aquifer Weathering Degree to the Groundwater Chemical Composition in Wates Coastal Aquifer, Yogyakarta, Indonesia	Geoscience and Environmental Management Symposium	Heru Hendrayana (Universitas Gadjah Mada, Indonesia); Phyu Thin (Yangon Technological University, Myanmar); Wahyu Wilopo (Gadjah Mada University & Gama-InaTEK, Indonesia)	G15	15	Tuesday	8	2	10:15	11:45	Coral
1570644259	Occurrence of Rare Earth Element and Yttrium (REY) in Tanjung Formation Coking Coal from Sekako Area, Central Kalimantan	Geoscience and Environmental Management Symposium	Hendra Amijaya and Beny Wiranata (Universitas Gadjah Mada, Indonesia); Ferian Anggara (UGM, Indonesia)	G15	15	Tuesday	8	3	10:15	11:45	Coral
1570651442	Seismic Multi-Attribute Analysis for Petrophysics Reservoir Prediction with Probabilistic Neural Network in "FA" Field	Geoscience and Environmental Management Symposium	Fadlan Ardinda and Agus Riyanto (University of Indonesia, Indonesia)	G15	15	Tuesday	8	4	10:15	11:45	Coral
1570644247	Seasonal Variability of Nitrate Flux in the Northern Part of Karangbolong Karst Aquifer, Central Java	Geoscience and Environmental Management Symposium	Elisabeth Supi Astuti (Universitas Gadjah Mada, Indonesia); Eko Haryono (Gadjah Mada University, Indonesia)	G15	15	Tuesday	8	5	10:15	11:45	Coral
1570653600	Key of Sustainable Community Based Waste Management (Lesson Learnt from Yogyakarta City)	Geoscience and Environmental Management Symposium	Alia Fajarwati (Faculty of Geografi, Universitas Gadjah Mada, Indonesia); Agustina Setyaningrum (Institut Teknologi Yogyakarta, Indonesia); Rini Rachmawati and Bambang Prakoso (Universitas Gadjah Mada, Indonesia)	G15	15	Tuesday	8	6	10:15	11:45	Coral

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1570651875	Mathematical Simulation of Forest Fire Front influence on Wood-Based Building Using One-Dimensional Model of Heat Transfer	Geoscience and Environmental Management Symposium	Nikolay V Baranovskiy and Aleksey Malinin (National Research Tomsk Polytechnic University, Russia)	G17	17	Tuesday	8	1	08:45	10:15	Jasper
1570644231	Urban Resilience to Floods in Parts of Makassar, Indonesia	Geoscience and Environmental Management Symposium	Meydelin Isani Thoban and Dyah Rahmawati Hizbaron (Universitas Gadjah Mada, Indonesia)	G17	17	Tuesday	8	2	08:45	10:15	Jasper
1570641282	Effect of Earthquake on Concrete Gravity Dam Stability Based on Numerical Simulation	Geoscience and Environmental Management Symposium	Kaolor Leecheu (Universitas Gadjah Mada, Indonesia)	G17	17	Tuesday	8	3	08:45	10:15	Jasper
1570653739	A Climatological Study of Typhoons over the Philippine Area of Responsibility from 1989-2018	Geoscience and Environmental Management Symposium	Aaliyah Marie S Desquitado, Marianne Roselle R Perez and Rein Simoun R Puchero (Mapúa Senior High School, Philippines); Ernest P Macalalad (Mapúa University, Philippines)	G17	17	Tuesday	8	4	08:45	10:15	Jasper
1570645503	Earthquake Vulnerability Mapping in the At-Risk Opak Fault Sengon Village Central Java, Indonesia	Geoscience and Environmental Management Symposium	Djati Mardiatno (Universitas Gadjah Mada, Indonesia); Tiara Handayani (Research Assistant at Research Centre for Disaster, Indonesia); Denni Susanto, Lies Faida and Bevaola Kusumasari (Universitas Gadjah Mada, Indonesia); Mukhamad Malawani (Universitas Gadjah mada, Indonesia)	G17	17	Tuesday	8	5	08:45	10:15	Jasper
1570634508	Determination on Methane Gas in Place in Coal Seam by Using Volumetric Method at X Field, East Kalimantan, Indonesia	Geoscience and Environmental Management Symposium	Eddy Ibrahim (Sriwijaya University, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570639999	Urban Tourism Concepts in the Design of Coastal Settlements in Batam: Kampung Tua Tanjungriau	Geoscience and Environmental Management Symposium	Mulia Pamadi and Yusra Aulia Sari (Batam International University, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570640000	Integrated Bio-Cycles Information System for Tropical Natural Resources Management	Geoscience and Environmental Management Symposium	Cahyono Agus Dwi Koranto (Universitas Gadjah Mada, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570640653	Speleogenetic Identification Based on Geological Features in Karatal Japryk State Nature Reserve, Naryn, Kyrgyzstan	Geoscience and Environmental Management Symposium	Angga Ristiawan, Eko Haryono, Hilary Reinhart, Didit Barianto, Dimas Rabbani, Rakhmat Putra, Dita Sufiyatun, Aan Saputra, Hajar Lutviah and Farah Aida (Universitas Gadjah Mada, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570644193	The Impact of Climate Change on Arabica Suitability Area and Opportunities to Reduce Vulnerability	Geoscience and Environmental Management Symposium	Ika Noor Muslihah M (Universitas Indonesia, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570644195	Role of Waste Pre-treatment Unit for Waste to Energy Pilot Project Activities	Geoscience and Environmental Management Symposium	Manis Yuliani (Universitas Indonesia, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570645495	The Comparison Between Land-survey Gravity Data and Satellite Gravity Data to Identified Telomoyo Geothermal Prospect	Geoscience and Environmental Management Symposium	Puspita Dian Maghira and Sintia Niasari (Universitas Gadjah Mada, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570650776	Residential Land Development Scenarios Post-Mojokerto-Kertosono Toll Interchange Construction	Geoscience and Environmental Management Symposium	Gusti Aditya Rahadyan (University of Gadjah Mada, Indonesia); Lina Rizqi Nafisah (Public Works Office of Surabaya, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
1570653917	The Impacts of COVID-19 Pandemic to Informal Economic Sector in Indonesia: Theoretical and Empirical Comparison	Geoscience and Environmental Management Symposium	Agus Pitoyo (Universitas Gadjah Mada & Indonesia, Indonesia)	G		#N/A	#N/A		#N/A	#N/A	#N/A
978-3-0357-1775-4_250	Modification Level of Polyethylene glycol on In vitro Gas Production of Feedstuffs	Life Sciences, Materials, and Applied Chemistry Symposium	WIDYA Kenshiana Putri (Universitas Gadjah Mada), Cuk Tri NOVIANDI (Universitas Gadjah Mada), and KUSTANTINAH Adiwimarta (Universitas Gadjah Mada)	L2	2	Monday	7	1	09:25	10:55	Emerald
978-3-0357-1775-4_630	Synthesis of Methylcellulose using Dimethyl Carbonate with Conventional and Green Methods	Life Sciences, Materials, and Applied Chemistry Symposium	FENSIA Analda Souhoka (Universitas Pattimura and Universitas Gadjah Mada), HARN0 Dwi Pranowo (Universitas Gadjah Mada), TUTIK Dwi Wahyuningsih (Universitas Gadjah Mada)	L2	2	Monday	7	2	09:25	10:55	Emerald
978-3-0357-1775-4_470	Synthesis and Characterization N-Substituted of Chloro-Pyrazoline and its Potential as Anticancer	Life Sciences, Materials, and Applied Chemistry Symposium	Minandre Wiratama (Universitas Gadjah Mada), Tutik Dwi Wahyuningsih (Universitas Gadjah Mada)	L2	2	Monday	7	3	09:25	10:55	Emerald
978-3-0357-1775-4_650	Synthesis, Characterization and Biological Evaluation of Mono-Ketone Curcumin Analogues as Inhibitor of α -Glucosidase Enzyme	Life Sciences, Materials, and Applied Chemistry Symposium	Endang Astuti (Universitas Gadjah Mada), Arifah Trijayanti (Universitas Gadjah Mada), Rio Abdurrahman (Universitas Gadjah Mada) and Ryan Puspa Wulandari (Universitas Gadjah Mada)	L2	2	Monday	7	4	09:25	10:55	Emerald
978-3-0357-1775-4_310	The Effect of Sorghum Varieties on Digestibility and Nitrogen Balance of Complete Feed in Goat	Life Sciences, Materials, and Applied Chemistry Symposium	EKA Rizky Vury Rahayu (Universitas Gadjah Mada), BAMBANG Suhartanto (Universitas Gadjah Mada), I Gede Suparta Budisatria (Universitas Gadjah Mada), and DIAN Astuti (Universitas Gadjah Mada)	L2	2	Monday	7	5	09:25	10:55	Emerald
978-3-0357-1775-4_440	Synthesis of Chalcone Derivatives from 2,4-dimethoxy Acetophenone and their Activities Test as an Antimalarial Agent	Life Sciences, Materials, and Applied Chemistry Symposium	FATHONI Ega Mulyana (Universitas Gadjah Mada), TUTIK Dwi Wahyuningsih (Universitas Gadjah Mada) and ENDANG Astuti (Universitas Gadjah Mada)	L3	3	Monday	7	1	10:55	12:25	Emerald

#	Title	Track name	Authors with affiliation and country	Session code	Session	Day	Date	Order	Start time	End time	Room
978-3-0357-1775-4_690	Ion Exchange Fraction of Fish By-Products Protein as a Food Protein Fortification Ingredient	Life Sciences, Materials, and Applied Chemistry Symposium	Try Suryaningtyas (Universitas Gadjah Mada), Eka Febri Nursyitah Putri (Universitas Gadjah Mada), Priatmoko (Universitas Gadjah Mada), Harno Dwi Pranowo (Universitas Gadjah Mada), Tri Joko Raharjo (Universitas Gadjah Mada)	L3	3	Monday	7	2	10:55	12:25	Emerald
978-3-0357-1775-4_200	Evaluation of Functional Feed in Total Mixed Ration (TMR) with High Protein Content and Anthelmintic Agents towards Performance and Anti-Parasitic Effect in Sheep	Life Sciences, Materials, and Applied Chemistry Symposium	KUSTANTINAH (Universitas Gadjah Mada), WAHYU Setyono (Universitas Gadjah Mada), LIES Mira Yusiati (Universitas Gadjah Mada), BAMBANG Suwignyo (Universitas Gadjah Mada), RADEN Wisnu Nurcahyo (Universitas Gadjah Mada)	L3	3	Monday	7	3	10:55	12:25	Emerald
978-3-0357-1775-4_320	Effects of the Molar Ratio of Acetic Acid to UFA and Steering Velocity in the Tung Oil Epoxidation	Life Sciences, Materials, and Applied Chemistry Symposium	Eni Budiayati (Universitas Muhammadiyah Surakarta and Universitas Gadjah Mada), Rochmadi (Universitas Gadjah Mada), Arief Budiman (Universitas Gadjah Mada), Budhijanto (Universitas Gadjah Mada)	L3	3	Monday	7	4	10:55	12:25	Emerald
978-3-0357-1775-4_220	Study of the Effect of Total Mixed Ration Feeding with High Protein Content and Anthelmintic Agent (TMR PTAA) towards Performance of Thin-Tailed Sheep	Life Sciences, Materials, and Applied Chemistry Symposium	WAHYU Setyono (Universitas Gadjah Mada), LIES Mira Yusiati (Universitas Gadjah Mada), BAMBANG Suwignyo (Universitas Gadjah Mada), NAFIATUL Umami (Universitas Gadjah Mada), KUSTANTINAH (Universitas Gadjah Mada)	L3	3	Monday	7	5	10:55	12:25	Emerald
978-3-0357-1775-4_300	Preliminary Investigation of Cellulase Producer Candidate Isolate VT11 Using Coffee Pulp Waste under Solid State Fermentation	Life Sciences, Materials, and Applied Chemistry Symposium	Nabilah Ilmalah Sunarto (Universitas Jember), Azizah (Universitas Jember), Esti Utarti, Rudju Winarsa (Universitas Jember), Kahar Muzakhar (Universitas Jember)	L4	4	Monday	7	1	13:10	14:40	Emerald
978-3-0357-1775-4_420	SYNTHESIS OF MONO-KETONE CURCUMIN ANALOGUES FROM BENZYLOXY-BENZALDEHYDE AND THEIR ACTIVITY ASSAY as INHIBITOR of α -AMYLASE ENZYME	Life Sciences, Materials, and Applied Chemistry Symposium	Muhammad Badrul Huda (Universitas Gadjah Mada), Endang Astuti (Universitas Gadjah Mada), and Tri Joko Raharjo (Universitas Gadjah Mada)	L4	4	Monday	7	2	13:10	14:40	Emerald
978-3-0357-1775-4_270	Chemical Quality and Digestibility Silage in Pennisetum purpupoides and Pennisetum purpureum Gamma Supplemented of Molasses with Different Levels	Life Sciences, Materials, and Applied Chemistry Symposium	MUHAMMAD Fahmi (Universitas Gadjah Mada), RISTIANTO Utomo (Universitas Gadjah Mada), BAMBANG Suhartanto (Universitas Gadjah Mada), ANDRIYANI Astuti (Universitas Gadjah Mada) and NAFIATUL Umami (Universitas Gadjah Mada)	L4	4	Monday	7	3	13:10	14:40	Emerald
978-3-0357-1775-4_40	The Effect of Chitosan Concentration on Disintegration Time of Amoxicillin Tablet	Life Sciences, Materials, and Applied Chemistry Symposium	Nur Hanisah Binti Sarun (Universitas Gadjah Mada), Archadian Nuryanti (Universitas Gadjah Mada), Ika Dewi Ana (Universitas Gadjah Mada)	L5	5	Monday	7	1	09:25	10:55	Peridot
978-3-0357-1775-4_480	Recovery of Au(III) from Gold Mining Rock with Silica/Chitosan Coated on Iron Sand Magnetic Material	Life Sciences, Materials, and Applied Chemistry Symposium	Nastiti Utami (Universitas Gadjah Mada), Reni Banowati Istiningrum (Universitas Gadjah Mada), and Bambang Rusdiarso (Universitas Gadjah Mada), Nuryono (Universitas Gadjah Mada)	L5	5	Monday	7	2	09:25	10:55	Peridot
978-3-0357-1775-4_790	Sucrose and Lignosulfonate Acid: Which One is more Effective as a Concrete Setting Retarder	Life Sciences, Materials, and Applied Chemistry Symposium	Tommy Ekamitra Sutarto (Politeknik Negeri Samarinda), Tamrin (Universitas Mulawarman)	L5	5	Monday	7	3	09:25	10:55	Peridot
978-3-0357-1775-4_620	A Preliminary Study on the Selective Detection of Hypochlorite Based on Antiaggregation of Aunps	Life Sciences, Materials, and Applied Chemistry Symposium	Ella Rizki Farihatul Maftuhah (Universitas Gadjah Mada), Suyanta and Sri Juari Santosa (Universitas Gadjah Mada)	L5	5	Monday	7	4	09:25	10:55	Peridot
978-3-0357-1775-4_710	Reliable Evaluation of Photocatalytic Activities through Facile Spectrophotometric Analysis of Formaldehyde as Reaction Substrate and Product	Life Sciences, Materials, and Applied Chemistry Symposium	Fitri Rizki Amalia (Hokkaido University), Mai Takashima (Hokkaido University) and Bunsho Ohtani (Hokkaido University)	L5	5	Monday	7	5	09:25	10:55	Peridot
978-3-0357-1775-4_670	The Effect of Glycerol on Alginate/Zelite Membranes for Selectivity of CH ₄ /CO ₂ Gas	Life Sciences, Materials, and Applied Chemistry Symposium	ADHITASARI Suratman (Universitas Gadjah Mada), RAMADHAN Cendy Mega Pratiwi (Universitas Gadjah Mada), TIYASTITI Suraya (Universitas Gadjah Mada), ENDANG Tri Wahyuni (Universitas Gadjah Mada)	L6	6	Monday	7	1	10:55	12:25	Peridot
978-3-0357-1775-4_10	The Use of 1H- NMR Spectroscopy Coupled with Chemometrics for Authentication of Curcuma xanthorrhiza Adulterated with Curcuma aeruginosa	Life Sciences, Materials, and Applied Chemistry Symposium	Anjar Windarsih (Indonesian Institute of Sciences (LIPI), Theresia Wijayanti (The National Agency of Drug and Food Control of Republic Indonesia), Abdul Rohman (Universitas Gadjah Mada)	L6	6	Monday	7	2	10:55	12:25	Peridot
978-3-0357-1775-4_460	Removal of Pb(II) Ion from Aqueous Solution Using Dithizone-Immobilized Natural Bentonite	Life Sciences, Materials, and Applied Chemistry Symposium	MUDASIR Mudasir (Universitas Gadjah Mada), FEBBI Rahmayuni (Universitas Gadjah Mada), SRI Sudiono (Universitas Gadjah Mada)	L6	6	Monday	7	3	10:55	12:25	Peridot

#	Title	Track name	Authors with affiliation and country	Session code	Session	Day	Date	Order	Start time	End time	Room
978-3-0357-1775-4_400	Adsorption of Methylene Blue Dye Using Biosorbents Based on Humic Acid Cross-Linked Cellulose	Life Sciences, Materials, and Applied Chemistry Symposium	Muhammad Arifin (Universitas Gadjah Mada), Sri Sudiono (Universitas Gadjah Mada), Mudasir (Universitas Gadjah Mada), and Triyono (Universitas Gadjah Mada)	L6		6	Monday	7	4 10:55	12:25	Peridot
978-3-0357-1775-4_410	Immobilization of Humic Acid in Cellulose by Crosslink Method for Cr(III) Adsorption from Aqueous Solution	Life Sciences, Materials, and Applied Chemistry Symposium	Adhitama Widya Pangestika (Universitas Gadjah Mada), Sri Sudiono (Universitas Gadjah Mada) and Sri Juari Santosa (Universitas Gadjah Mada)	L6		6	Monday	7	5 10:55	12:25	Peridot
978-3-0357-1775-4_740	Enhancement of Electroflotation Using Papaya Seeds (Carica papaya) as Biocoagulant for Laboratory Wastewater Treatment	Life Sciences, Materials, and Applied Chemistry Symposium	Rudy Syah PUTRA (Universitas Islam Indonesia), Irfan ARIRAHMAN (Universitas Islam Indonesia) and Andrie Muhammad IQBAL (Universitas Islam Indonesia)	L7		7	Monday	7	1 13:10	14:40	Peridot
978-3-0357-1775-4_800	Hydrodeoxygenation of Anisole and Benzaldehyde over Bifunctional CoMo/USY Catalyst	Life Sciences, Materials, and Applied Chemistry Symposium	Khoirina Dwi Nugrahaningtyas (Sebelas Maret University), Eddy Heraldly (Sebelas Maret University), Ferdinandi Tri Aji Pamungkas (Sebelas Maret University), Aji Indo Sabiila Gusti (Sebelas Maret University)	L7		7	Monday	7	2 13:10	14:40	Peridot
978-3-0357-1775-4_750	Synthesis of Chitosan/Carrageenan Polyelectrolyte Complex and its Utilization as Adsorbent for Humic Acid	Life Sciences, Materials, and Applied Chemistry Symposium	Dwi Siswanta (Universitas Gadjah Mada), Dihliz Zunaim (Universitas Gadjah Mada) and Suherman (Universitas Gadjah Mada)	L7		7	Monday	7	3 13:10	14:40	Peridot
978-3-0357-1775-4_450	Effect of Thermal Treatment on Physico-Chemical Properties of White Mineral Trioxide Aggregate Synthesized from Lime Stone Precipitate Calcium Carbonate	Life Sciences, Materials, and Applied Chemistry Symposium	Ahmad Bikhharudin (Universitas Gadjah Mada), Sutarno (Universitas Gadjah Mada), Yuichi Kamiya (Hokkaido University), and Nuryono (Universitas Gadjah Mada)	L8		8	Monday	7	1 09:25	10:55	Jade
978-3-0357-1775-4_370	The Effect of Biogas Purification Using Biochar from Biogas Waste on Biogas Combustion	Life Sciences, Materials, and Applied Chemistry Symposium	PAMBUDI Widayawati Luhur (Universitas Gadjah Mada), AMBAR Pertiwinigrum (Universitas Gadjah Mada), LIES Mira Yustiati (Universitas Gadjah Mada)	L8		8	Monday	7	2 09:25	10:55	Jade
978-3-0357-1775-4_580	Hydrogen and Water Adsorption on Monolayer Hexagonal Boron Nitride (h-BN): the First-principles Calculations	Life Sciences, Materials, and Applied Chemistry Symposium	Zakiah Priska (Universitas Gadjah Mada) and Sholihun (Universitas Gadjah Mada)	L8		8	Monday	7	3 09:25	10:55	Jade
978-3-0357-1775-4_610	Experimental Study on the Roundness of Silica Sand from Sidrap: Improvement by means of Abrasion and Measurement using a Practical New Method	Life Sciences, Materials, and Applied Chemistry Symposium	Wieke Pratiwi (Center for Material and Technical Product, Ministry of Industry), Gaos Abdul Karim (Center for Material and Technical Product, Ministry of Industry) and Titi Rachmawati (Center for Material and Technical Product, Ministry of Industry)	L8		8	Monday	7	4 09:25	10:55	Jade
978-3-0357-1775-4_570	Effect of Thin Film Thickness on The Electronic Properties of Wurtzite Structure (ZnO and GaN): Using by Density Functional Theory	Life Sciences, Materials, and Applied Chemistry Symposium	Tin Subekti Zaidah Darajat (Universitas Gadjah Mada) and Moh. Adhib Ulil Absor (Universitas Gadjah Mada)	L8		8	Monday	7	5 09:25	10:55	Jade
978-3-0357-1775-4_590	Effect of Zeolite:Clay Ratios on the Formation of Zeolite-Clay-White Cement Composite Cylinder as an Encapsulant of Urea Fertilizer	Life Sciences, Materials, and Applied Chemistry Symposium	BAYU Ishartono (Universitas Gadjah Mada), SUYANTA Suyanta (Universitas Gadjah Mada), INDRIANA Kartini (Universitas Gadjah Mada)	L9		9	Monday	7	1 10:55	12:25	Jade
978-3-0357-1775-4_120	Stainless Steel/Hydroxyl Functionalized Graphene Electrode for Electrochemical Oxidation of Methyl Orange	Life Sciences, Materials, and Applied Chemistry Symposium	Yusbarina (Universitas Gadjah Mada), Roto (Universitas Gadjah Mada), Kuwat Triyana (Universitas Gadjah Mada)	L9		9	Monday	7	2 10:55	12:25	Jade
978-3-0357-1775-4_150	Conversion of Nyamplung Oil (Calophyllum inophyllum Linn) into Liquid Fuel by a Hydrocracking Process Using a Bimetallic Based Catalyst Namely NiMo/γ-Al ₂ O ₃	Life Sciences, Materials, and Applied Chemistry Symposium	Elva Febriyanti (Institute Technology of Sepuluh Nopember), Achmad Roesyadi (Institute Technology of Sepuluh Nopember), Danawati Hari Prajitno (Institute Technology of Sepuluh Nopember)	L9		9	Monday	7	3 10:55	12:25	Jade
978-3-0357-1775-4_520	Fabrication of Electrospun Multi-Walled Carbon Nanotube/TiO ₂ Nanofiber	Life Sciences, Materials, and Applied Chemistry Symposium	LATHIFAH Puji Hastuti (Universitas Gadjah Mada), AHMAD Kusumaatmaja (Universitas Gadjah Mada), and INDRIANA Kartini (Universitas Gadjah Mada)	L9		9	Monday	7	4 10:55	12:25	Jade
978-3-0357-1775-4_30	The Effect of Ag Molarity of Core-Shell Fe ₃ O ₄ @ Ag Nanoparticles for Sensitivity Enhancement of Surface plasmon resonance (SPR) -Based Biosensor	Life Sciences, Materials, and Applied Chemistry Symposium	Juharni (Universitas Gadjah Mada), Ilyas Maulana (Universitas Gadjah Mada), Edi Suharyadi (Universitas Gadjah Mada), Takeshi Kato (Nagoya University), Satoshi Iwata (Nagoya University)	L9		9	Monday	7	5 10:55	12:25	Jade
978-3-0357-1775-4_50	Magnetic Nanoparticle Detection Using Wheatstone Bridge Giant Magnetoresistance (GMR) Sensor with Double CoFeB Spin-Valve Thin Films	Life Sciences, Materials, and Applied Chemistry Symposium	Taufikkudin Alfansuri (Universitas Gadjah Mada), Edi Suharyadi (Universitas Gadjah Mada), Takeshi Kato (Nagoya University), Satoshi Iwata (Nagoya University)	L10		10	Monday	7	1 13:10	14:40	Jade
978-3-0357-1775-4_730	Degradation of Titan Yellow Using ZnO/Ag Embaded with Fe ₃ O ₄ nanoparticles under Visible Light-Induced	Life Sciences, Materials, and Applied Chemistry Symposium	Nauval Dwi Fadillah (Universitas Gadjah Mada), Eko Sri Kunarti (Universitas Gadjah Mada), and Indriana Kartini (Universitas Gadjah Mada)	L10		10	Monday	7	2 13:10	14:40	Jade
978-3-0357-1775-4_390	Appropriate Adsorbent for Astaxanthin Purification	Life Sciences, Materials, and Applied Chemistry Symposium	PUTRI Restu Dewati (Universitas Pembangunan Nasional Veteran Yogyakarta and Universitas Gadjah Mada), ROCHMADI (Universitas Gadjah Mada), ABDUL Rohman (Universitas Gadjah Mada) and ARIEF Budiman (Universitas Gadjah Mada)	L10		10	Monday	7	3 13:10	14:40	Jade

#	Title	Track name	Authors with affiliation and country	Session code	Session	Day	Date	Order	Start time	End time	Room
978-3-0357-1775-4_430	The Effectiveness of Ultrasound Wave for Enhancing Extraction of Proanthocyanidins from Red Sorghum Grain Using Green Solvent	Life Sciences, Materials, and Applied Chemistry Symposium	Devi Yuni Susanti (Universitas Gadjah Mada) , Wahyudi Budi Sediawan (Universitas Gadjah Mada), Mohammad Fahrurrozi (Universitas Gadjah Mada) and Muslikhin Hidayat (Universitas Gadjah Mada)	L12	12	Tuesday	8	1	08:45	10:15	Emerald
978-3-0357-1775-4_350	Pectinase Production by Using Coffee Pulp Substrate as Carbon and Nitrogen Source	Life Sciences, Materials, and Applied Chemistry Symposium	Okta Novalia Gasani (Universitas Jember), Azizah (Universitas Jember), Siswanto (Universitas Jember), Rudju Winarsa (Universitas Jember) and Kahar Muzakar (Universitas Jember)	L12	12	Tuesday	8	2	08:45	10:15	Emerald
978-3-0357-1775-4_340	Ulva lactuca as Alternative Ferromagcalciforte Sustenance	Life Sciences, Materials, and Applied Chemistry Symposium	Mulyati (Universitas Gadjah Mada), Zuyen Rais (Universitas Gadjah Mada), Anggoro Chandra Yulistiyanto (Universitas Gadjah Mada), Mayumi Hersasanti (Universitas Gadjah Mada)	L12	12	Tuesday	8	3	08:45	10:15	Emerald
978-3-0357-1775-4_490	Synthesis Studies of N-Acetyl Glyoxylamide Using Unreactive Amines	Life Sciences, Materials, and Applied Chemistry Symposium	Fia Fathiana Wulan (Universitas Gadjah Mada), Tutik Dwi Wahyuningsih (Universitas Gadjah Mada), Jumina (Universitas Gadjah Mada), and Naresh Kumar (University of New South Wales)	L12	12	Tuesday	8	4	08:45	10:15	Emerald
978-3-0357-1775-4_500	Conventional And Sonochemical Methods for Synthesis Chalcone Derivatives from 4-Aminoacetophenone And Their Activity As Antimalarials	Life Sciences, Materials, and Applied Chemistry Symposium	Ma'rif Hasan (Universitas Gadjah Mada), Tutik Dwi Wahyuningsih (Universitas Gadjah Mada), and Chairil Anwar (Universitas Gadjah Mada)	L12	12	Tuesday	8	5	08:45	10:15	Emerald
978-3-0357-1775-4_560	Effect of Incorporation Platelet Rich Plasma into Synthetic Coral Scaffold toward Epithelial Thickness of Wound Healing	Life Sciences, Materials, and Applied Chemistry Symposium	Erlina Sih Mahanani (Universitas Muhammadiyah Yogyakarta), Anisya Nur Nova Istiyani (Universitas Muhammadiyah Yogyakarta) and Ratih Sekar Arum (Universitas Muhammadiyah Yogyakarta)	L13	13	Tuesday	8	1	10:15	11:45	Emerald
978-3-0357-1775-4_60	Dielectric Elastomer Actuator for Linier Actuator like Deformable Muscle	Life Sciences, Materials, and Applied Chemistry Symposium	Ardi Wiranata (Universitas Gadjah Mada), Maeda Shingo (Shibaura Institute of Technology)	L13	13	Tuesday	8	2	10:15	11:45	Emerald
978-3-0357-1775-4_140	Surface-Modified Carbon Synthesized from Palm Kernel Shell for Electric Double-Layer Capacitor Applications	Life Sciences, Materials, and Applied Chemistry Symposium	Muhammad Iqbal Al Fuady (Universitas Gadjah Mada), Rochmadi (Universitas Gadjah Mada), Imam Prasetyo (Universitas Gadjah Mada), Teguh Ariyanto (Universitas Gadjah Mada)	L13	13	Tuesday	8	3	10:15	11:45	Emerald
978-3-0357-1775-4_640	A Visible Light-Induced Fe ₃ O ₄ / ZnO-Cu Nanocomposite and its Photocatalytic Activities for Rhodamine b Photodegradation	Life Sciences, Materials, and Applied Chemistry Symposium	YULY Pujiarti (Universitas Gadjah Mada), SUYANTA Suyanta (Universitas Gadjah Mada) and EKO Sri Kunarti (Universitas Gadjah Mada)	L13	13	Tuesday	8	4	10:15	11:45	Emerald
978-3-0357-1775-4_810	Extraction Behavior of Trivalent Rare Earth Metal Ions with Diphosphonic Acid Type Extraction Reagent	Life Sciences, Materials, and Applied Chemistry Symposium	OHTO Keisuke (Saga University), NAKASHIMA Shinpei (Saga University), TANAKA Yudai (Saga University), MORISADA Shintaro (Saga University) and KAWAKITA Hidetaka (Saga University), OSHIMA Tatsuya (University of Miyazaki)	L13	13	Tuesday	8	5	10:15	11:45	Emerald
978-3-0357-1775-4_90	Preparation of Potassium Permanganate Confined in Porous Carbon Synthesized from Palm Kernel Shell and its Application for Hydrogen Sulfide Removal	Life Sciences, Materials, and Applied Chemistry Symposium	Suhriman (Universitas Gadjah Mada), Teguh Ariyanto (Universitas Gadjah Mada), Imam Prasetyo (Universitas Gadjah Mada)	L14	14	Tuesday	8	1	08:45	10:15	Peridot
978-3-0357-1775-4_260	Total phenolic, flavonoid, and antioxidant activity in Bamboo (Bambosa sp) leaves extract	Life Sciences, Materials, and Applied Chemistry Symposium	Arifani, N.E. (Universitas Gadjah Mada), Santoso. U. (Universitas Gadjah Mada), and Supriyadi (Universitas Gadjah Mada)	L14	14	Tuesday	8	2	08:45	10:15	Peridot
978-3-0357-1775-4_170	PERFORMANCE of Ni-Cu/HZSM-5 CATALYST in HYDROCRACKING PROCESS to Produce Biofuel from Carbera manghas Oil	Life Sciences, Materials, and Applied Chemistry Symposium	Afrida Nur Aini (Sepuluh Nopember Institute of Technology), Muhammad Al-Muttaqii (Indonesian institute of sciences), Achmad Roesyadi (Sepuluh Nopember Institute of Technology), and Firman Kurniawansyah (Sepuluh Nopember Institute of Technology)	L14	14	Tuesday	8	3	08:45	10:15	Peridot
978-3-0357-1775-4_550	THE UTILIZATION OF RICE HUSK SILICA AND CALCIUM CARBONATE WITH A LIMESTONE IN FORMING A TRIOXIDE AGGREGATE WHITE AND THE INFLUENCE MODIFICATION OF FUMED SILICA AND RICE HUSK ASH SILICA ON THE NATURE OF WMTA AS A ENDDODNTIC MATERIAL	Life Sciences, Materials, and Applied Chemistry Symposium	Anwar Jaman (Universitas Gadjah Mada), Nuryono (Universitas Gadjah Mada), and Suyanta (Universitas Gadjah Mada)	L14	14	Tuesday	8	4	08:45	10:15	Peridot

#	Title	Track name	Authors with affiliation and country	Session code	Session	Day	Date	Order	Start time	End time	Room
978-3-0357-1775-4_290	Upgrading Methane Purity in Biogas Plant Gamping by Using Carbon-Based Molecular Sieve	Life Sciences, Materials, and Applied Chemistry Symposium	Nur Bayu Maulida Naryo (Universitas Gadjah Mada), Imam Prasetyo (Universitas Gadjah Mada), Rochim Bakti Cahyono (Universitas Gadjah Mada), and Teguh Ariyanto (Universitas Gadjah Mada)	L14	14	Tuesday	8	5	08:45	10:15	Peridot
978-3-0357-1775-4_760	Thermal Stability of Insulin at Acid Solution in the Absence and Presence of Zinc Ions by Small Angle X-Ray Scattering	Life Sciences, Materials, and Applied Chemistry Symposium	Arum Patriati (National Nuclear Energy Agency), Nadi Suparno (National Nuclear Energy Agency), Siriwat Soontaranoon (Synchrotron Light Research Institute (SLRI) and Edy Giri Rachman Putra (Polytechnic Institute of Nuclear Technology)	L15	15	Tuesday	8	1	10:15	11:45	Peridot
978-3-0357-1775-4_700	Understanding the Crystal Structure of a Heterometallic Metal-Organic Framework in Cadmium Imidazolate Framework-1 with Periodic DFT Study	Life Sciences, Materials, and Applied Chemistry Symposium	Fajar I. Pambudi (Universitas Gadjah Mada), Kristiana Fajariatri (Universitas Gadjah Mada)	L15	15	Tuesday	8	2	10:15	11:45	Peridot
978-3-0357-1775-4_510	Development of Soil Sample Preparation by Means Acid Digestion in the Absence of Heating for Nickel Analysis	Life Sciences, Materials, and Applied Chemistry Symposium	Suherman (Universitas Gadjah Mada), Shamil Muhamad Hasso (Universitas Gadjah Mada), Nurul Hidayat Aprilita (Universitas Gadjah Mada), Kinichi Morita (New Business Development Office, Japan), Hitoshi Mizuguchi (Tokushima University)	L15	15	Tuesday	8	3	10:15	11:45	Peridot
978-3-0357-1775-4_380	In silico Prediction of Betulinic Acid Derivatives' Cytotoxicity: Relationship between Topological Descriptors and CC50 Value	Life Sciences, Materials, and Applied Chemistry Symposium	Ihsanul Arief (Universitas Gadjah Mada and Akademi Yarsi Pontianak), Harno Dwi Pranowo (Universitas Gadjah Mada), Mudasir (Universitas Gadjah Mada) and Karna Wijaya (Universitas Gadjah Mada)	L15	15	Tuesday	8	4	10:15	11:45	Peridot
978-3-0357-1775-4_100	Adsorption of Silver(I) on Dithizone-Immobilized Coal Fly Ash	Life Sciences, Materials, and Applied Chemistry Symposium	Shofwunnada (Universitas Gadjah Mada), Nurul Hidayat Aprilita (Universitas Gadjah Mada), Mudasir (Universitas Gadjah Mada)	L15	15	Tuesday	8	5	10:15	11:45	Peridot
978-3-0357-1775-4_660	ADSORPTION Cd(II) ION USING α -CELLULOSE IMMOBILIZED of HUMIC ACID WITH CROSSLINKER AGENT EPICHLOROHYDRIN	Life Sciences, Materials, and Applied Chemistry Symposium	O A Widyayanti (Universitas Gadjah Mada), S Sudiono (Universitas Gadjah Mada), N H Aprilita (Universitas Gadjah Mada)	L15	15	Tuesday	8	6	10:15	11:45	Peridot
978-3-0357-1775-4_530	Slow-Release Composite of Iron (III) Based on Zeolite and Natural Polymers	Life Sciences, Materials, and Applied Chemistry Symposium	YATEMAN Arryanto (Universitas Gadjah Mada), and INDRIANA Kartini (Universitas Gadjah Mada)	L16	16	Tuesday	8	1	08:45	10:15	Jade
978-3-0357-1775-4_600	Effect of Heat Input on Dilution, Hardness and Microstructure in DMW Stainless Steel and Carbon Steel	Life Sciences, Materials, and Applied Chemistry Symposium	Surasno (Center for Material and Technical Product, Ministry Of Industry)	L16	16	Tuesday	8	2	08:45	10:15	Jade
978-3-0357-1775-4_240	Activity of Ni-NH ₂ / Mesoporous Silica Material as Bifunctional Catalyst for Hydrocracking of Used Cooking Oil	Life Sciences, Materials, and Applied Chemistry Symposium	Wega Trisunaryanti (Universitas Gadjah Mada), Triyono (Universitas Gadjah Mada), Siti A Nur Hadjarningrum (Universitas Gadjah Mada), Dyah Ayu Fatmawati (Universitas Gadjah Mada)	L16	16	Tuesday	8	3	08:45	10:15	Jade
978-3-0357-1775-4_680	Effect of TiOx and TiO ₂ Layer on the Photovoltaic Property of BiOI Films	Life Sciences, Materials, and Applied Chemistry Symposium	Anissa Adiwena Putri (UIN Walisongo), Amr Attia Abuelwafa (South Valley University and Nagoya Institute of Technology), Shinya Kato (Nagoya Institute of Technology), Naoki Kishi (Nagoya Institute of Technology) and Tetsuo Soga (Nagoya Institute of Technology)	L16	16	Tuesday	8	4	08:45	10:15	Jade
978-3-0357-1775-4_720	CTAB Modified Bentonite as Slow Release Fertilizer	Life Sciences, Materials, and Applied Chemistry Symposium	Adhitasari Suratman (Universitas Gadjah Mada), Alifa Zahra Adhyana (Universitas Gadjah Mada) and Dwi Siswanta (Universitas Gadjah Mada)	L16	16	Tuesday	8	5	08:45	10:15	Jade
978-3-0357-1775-4_360	THE EFFECT of SORGUM VARIETIES (Sorghum bicolor (L.) Moench) AND PROTEIN LEVELS ON CHEMICAL COMPOSITION AND In Vitro DIGESTIBILITY OF FERMENTED COMPLETE FEED	Life Sciences, Materials, and Applied Chemistry Symposium	Anggi Derma Tungga Dewi (Universitas Gadjah Mada), Bambang Suhartanto (Universitas Gadjah Mada), Andriyani Astuti (Universitas Gadjah Mada), and Dian Astuti (Universitas Gadjah Mada)	L17	17	Tuesday	8	1	10:15	11:45	Jade
978-3-0357-1775-4_160	APPLICATION OF NATURAL AROMATASE BLOCKER TOWARDS THE LEVEL of TESTOSTERONE in ROOSTER LAYER [Gallus gallus gallus (Linn., 1758)]	Life Sciences, Materials, and Applied Chemistry Symposium	Rizki Fitrawan Yuneldi (Universitas Gadjah Mada), Claude Mona Airin (Universitas Gadjah Mada), Hendry T.S.S.G. Saragih (Universitas Gadjah Mada), Pudji Astuti (Universitas Gadjah Mada)	L17	17	Tuesday	8	2	10:15	11:45	Jade
978-3-0357-1775-4_180	Cheap Cellulase Production by Microbial Utilization of Coffee Pulp Waste	Life Sciences, Materials, and Applied Chemistry Symposium	Reni Rusdianti (Universitas Jember), Azizah (Universitas Jember), Esti Utarti (Universitas Jember), Hidayat Teguh Wiyono (Universitas Jember), and Kahar Muzakhar (Universitas Jember)	L17	17	Tuesday	8	3	10:15	11:45	Jade
978-3-0357-1775-4_70	Characterization of Tuna Skin Gelatin Edible Films with Various Plasticizers-Essential Oils and their Effect on Beef Appearance	Life Sciences, Materials, and Applied Chemistry Symposium	Arum Widyastuti Perdani (Universitas Gadjah Mada), Andriati Ningrum (Universitas Gadjah Mada), Supriyadi Supriyadi (Universitas Gadjah Mada)	L		#N/A	#N/A		#N/A	#N/A	#N/A

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978-3-0357-1775-4_110	Characteristics of Tuna Fish Skin Gelatin Enriched with Red Ginger (Zingiber officinale var rubrum)	Life Sciences, Materials, and Applied Chemistry Symposium	Kartika Gemma Pravritri (Universitas Gadjah Mada), Andriati Ningrum (Universitas Gadjah Mada), Yudi Pranoto (Universitas Gadjah Mada)	L			#N/A	#N/A	#N/A	#N/A	#N/A
978-3-0357-1775-4_130	Characterization of Physical, Chemical and Functional of Tuna (Thunnusalbacares) Skin Gelatin Enriched with Cinnamon Powder	Life Sciences, Materials, and Applied Chemistry Symposium	Nur Fitri Ramadhani (Universitas Gadjah Mada), Andriati Ningrum (Universitas Gadjah Mada), Widiastuti Setyaningsih (Universitas Gadjah Mada)	L			#N/A	#N/A	#N/A	#N/A	#N/A
978-3-0357-1775-4_540	Enhanced wash-fastness of cotton fabric dyed with composite of chitosan-natural dyes extract of Ceriops tagal	Life Sciences, Materials, and Applied Chemistry Symposium	SITI Nur Halimah (Universitas Gadjah Mada), EDIA Rahayuningsih (Universitas Gadjah Mada) and INDRIANA Kartini (Universitas Gadjah Mada)	L			#N/A	#N/A	#N/A	#N/A	#N/A
1570645490	Study of the Parametric Design of Small Scale LNG Carriers Based on Hull Dimensions for the Optimum Load Capacity	Mechanical and Industrial Engineering Symposium	Muhammad Arif Budiyanto (Universitas Indonesia, Indonesia); Devi Adlyani (Naval Architecture and Marine Engineering, Universitas Indonesia, Indonesia)	M1		1	Monday	7	1 09:25	10:55	Ruby
1570645500	Initial Study on the Increase of Quay Cranes to Reduce Dwelling Time at the Container Terminal	Mechanical and Industrial Engineering Symposium	Muhammad Arif Budiyanto (Universitas Indonesia, Indonesia); Mohammad Irfan Zaki and Sangga M. B. Suhendar (Departement of Mechanical Engineering, Universitas Indonesia, Indonesia)	M1		1	Monday	7	2 09:25	10:55	Ruby
1570641136	Wear Behaviors of Cp-Ti and UHMWPE Artificial Lumbar Disc for Center of Radius Variations	Mechanical and Industrial Engineering Symposium	Lilik Dwi Setyana (Universitas Gadjah Mada, Indonesia); Suyitno Suyitno and Muslim Mahardika (Gadjah Mada University, Indonesia)	M1		1	Monday	7	3 09:25	10:55	Ruby
1570644235	Performance Analysis of Liquid Rocket Attitude and Trajectory Estimation	Mechanical and Industrial Engineering Symposium	Arif Nur Hakim (National Institute of Aeronautics and Space, Indonesia); Idris Putro (LAPAN, Indonesia & Technische Universität München (TUM), Germany)	M1		1	Monday	7	4 09:25	10:55	Ruby
1570644187	Implementation of Simple Throttling for Liquid Rocket Engine ECX1000H2-4	Mechanical and Industrial Engineering Symposium	Arif Nur Hakim (National Institute of Aeronautics and Space, Indonesia); Hudoro Tahdi (National Institute of Aeronautics and Space (LAPAN), Indonesia); Faishol Luthfy Mahendra (National Institute of Aeronautics and Space, Indonesia)	M1		1	Monday	7	5 09:25	10:55	Ruby
1570639545	Strategy Designed Toward Asset Management System Improvement	Mechanical and Industrial Engineering Symposium	Winda Nur Cahyo, Nael Fiantama and Haris Hadiyanto (Universitas Islam Indonesia, Indonesia)	M2		2	Monday	7	1 10:55	12:25	Ruby
1570640327	The Implementation of Risk Management Based on ISO 31000: Framework at SME Bamboo Bantul, Yogyakarta	Mechanical and Industrial Engineering Symposium	Mirga Maulana Rachmadhani and Agus Mansur (Universitas Islam Indonesia, Indonesia)	M2		2	Monday	7	2 10:55	12:25	Ruby
1570653711	Quality Evaluation in Development of 3D Printed Chocolate Products	Mechanical and Industrial Engineering Symposium	Aiza Yudha Pratama (Gadjah Mada University, Indonesia); Herianto Herianto (Universitas Gadjah Mada, Indonesia)	M2		2	Monday	7	3 10:55	12:25	Ruby
1570651537	The Classification of Chili (Capsicum Annuum L.) Powder Quality by Using Image Processing and Artificial Neural Networks	Mechanical and Industrial Engineering Symposium	Anggrai Saputro (Universitas Gadjah Mada, Indonesia); Nafis Khuriyati and Atris Suyantohadi (Universitas Gadjah Mada, Faculty of Agricultural Technology, Indonesia)	M2		2	Monday	7	4 10:55	12:25	Ruby
1570644489	Value Stream Mapping and Critical Path Method for Waste Reduction: A Case Study of Transformer Production	Mechanical and Industrial Engineering Symposium	Suci Miranda (Universitas Islam Indonesia, Indonesia); Wawan Tripiawan (Telkom University, Indonesia); Sri Indrawati (Universitas Islam Indonesia, Indonesia)	M2		2	Monday	7	5 10:55	12:25	Ruby
1570636186	Green Productivity Approach in Batik Industry	Mechanical and Industrial Engineering Symposium	Fasa Dzukran Shofari (Universitas Islam Negeri Sunan Kalijaga, Indonesia); Dwi Agustina Kurniawati (Sunan Kalijaga State Islamic University, Indonesia); Herninanjati Paramawardhani (Universitas Islam Negeri Sunan Kalijaga, Indonesia)	M2		2	Monday	7	6 10:55	12:25	Ruby
1570636925	Review on Current Thermal Issue and Cooling Technology Development on Electric Vehicles Battery	Mechanical and Industrial Engineering Symposium	Muhammad Aulia Rahman and Indro Pranoto (Universitas Gadjah Mada, Indonesia)	M3		3	Monday	7	1 13:10	14:40	Ruby
1570645501	Preliminary Research on the Effect of the Number of Truck Terminals on Yards Throughput at the Container Terminal	Mechanical and Industrial Engineering Symposium	Muhammad Arif Budiyanto (Universitas Indonesia, Indonesia); Sangga M. B. Suhendar and Mohammad Irfan Zaki (Departement of Mechanical Engineering, Universitas Indonesia, Indonesia)	M3		3	Monday	7	2 13:10	14:40	Ruby
1570650610	Numerical Study of Effect of Blade and Guide Vane Configuration on Performance of Savonius Wind Turbine (a Case Study on Irrigation Water Pump in Kepongkok's Agricultural Land)	Mechanical and Industrial Engineering Symposium	Fauzun Fauzun (Universitas Gadjah Mada, Indonesia)	M3		3	Monday	7	3 13:10	14:40	Ruby
1570653996	Development of Verification Scheme of the Safety Critical Element for Corrosion Protection in Piping Systems	Mechanical and Industrial Engineering Symposium	Soni Candra Saragih and Andi Rahadiyan Wijaya (Gadjah Mada University, Indonesia); Fitri Trapsilawati (Universitas Gadjah Mada, Indonesia); Rini Dharmastiti (Gadjah Mada University, Indonesia)	M3		3	Monday	7	4 13:10	14:40	Ruby

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1570654093	Value Analysis of Predictive Maintenance in Cooling System Casting Process by Data SCADA	Mechanical and Industrial Engineering Symposium	Engelbert Harsandi Erik Suryadarma and The Jin Ai (Universitas Atma Jaya Yogyakarta, Indonesia); P. W. Anggoro (University of Atma Jaya Yogyakarta & Siti Badriyah UNDIP Group Research for Prosthetic and Orthotic, Indonesia)	M3		3	Monday	7	5 13:10	14:40	Ruby
1570636724	Analysis of the Music Effect to the Worker of Leather Craft Industry	Mechanical and Industrial Engineering Symposium	Nindya Laksita Laras, Mirwan Ushada and Suharno Suharno (Universitas Gadjah Mada, Faculty of Agricultural Technology, Indonesia)	M4		4	Tuesday	8	1 08:45	10:15	Ruby
1570653672	Gait Analysis of Stunting Children Compared to Healthy Children Using 2D Video Data	Mechanical and Industrial Engineering Symposium	Ibrahim Aji and Adhi D Wibawa (Institut Teknologi Sepuluh Nopember, Indonesia); Surya Sumpeno (Institute Teknologi Sepuluh Nopember, Indonesia)	M4		4	Tuesday	8	2 08:45	10:15	Ruby
1570653999	The Influence of Personality and Risk Attitude on the Accuracy of Project Duration Estimation	Mechanical and Industrial Engineering Symposium	Anirawilda Purba (Gadjah Mada University, Indonesia); Budi Hartono (Universitas Gadjah Mada, Indonesia)	M4		4	Tuesday	8	3 08:45	10:15	Ruby
1570649815	The Influence of Complexity on the Final Project Performance from Students' Perspectives	Mechanical and Industrial Engineering Symposium	Huki Chandra and Budi Hartono (Universitas Gadjah Mada, Indonesia)	M4		4	Tuesday	8	4 08:45	10:15	Ruby
1570641256	Novelty Does Matter: SLM is a Convenient Way Finding a Research Originality	Mechanical and Industrial Engineering Symposium	Winda Nur Cahyo (Universitas Islam Indonesia, Indonesia)	M4		4	Tuesday	8	5 08:45	10:15	Ruby
1570642289	Cooperation Strategy Between Electric Suppliers Using Multi Echelon Economic Dispatch	Mechanical and Industrial Engineering Symposium	Wahyuda Wahyuda and Muslimin Muslimin (Universitas Mulawarman, Indonesia)	M5		5	Tuesday	8	1 10:15	11:45	Ruby
1570641444	Green Supply Chain Performance Improvement Through Green SCOR in an Indonesian Paper Mill	Mechanical and Industrial Engineering Symposium	Sri Indrawati and Nurizqi Sarinastiti (Universitas Islam Indonesia, Indonesia)	M5		5	Tuesday	8	2 10:15	11:45	Ruby
1570640723	Supplier Relationship Performance Measurement Model: A Case Study in A Service Company	Mechanical and Industrial Engineering Symposium	Elisa Kusriani (Islamic University of Indonesia, Indonesia); Asih Ahistasari (UII, Indonesia)	M5		5	Tuesday	8	3 10:15	11:45	Ruby
1570641130	Multi-Objective Location Routing Problem with Time Windows for Cost Minimization and Customer Service Level Maximization	Mechanical and Industrial Engineering Symposium	Nararya Dharmika and Sugandhini Maruti (Universitas Gadjah Mada, Indonesia); Sekar Sakti and Anna Maria Asih (Gadjah Mada University, Indonesia)	M5		5	Tuesday	8	4 10:15	11:45	Ruby
1570636656	Relief Mapping Assessment Using Two-Echelon Vehicle Routing Problem with Drone	Mechanical and Industrial Engineering Symposium	Anak Agung Ngurah Perwira Redi (Bina Nusantara University, Indonesia); Rahmad Inca Liperda (Universitas Pertamina, Indonesia); Bertha Sopha (Universitas Gadjah Mada, Indonesia); Anna Maria Asih (Gadjah Mada University, Indonesia); Nandini Niramaya Sekaringtyas and Handina Boedhy Astiana (Universitas Pertamina, Indonesia)	M5		5	Tuesday	8	5 10:15	11:45	Ruby
1570651629	The Role of Industry Mastery in Achieving Internationalization Success: An Empirical Study on Information Technology Offshoring	Mechanical and Industrial Engineering Symposium	Yogi Y. Wibisono (Parahyangan Catholic University, Indonesia)	M6		6	Tuesday	8	1 12:45	14:15	Ruby
1570654229	Determination of Attributes Levelling Through Online Customer Reviews Using Natural Language Processing	Mechanical and Industrial Engineering Symposium	Yanti Pasmawati (Universitas Gadjah Mada & Universitas Bina Darma, Indonesia); Alva Tontowi (Gadjah Mada University, Indonesia); Budi Hartono and Titis Wijayanto (Universitas Gadjah Mada, Indonesia)	M6		6	Tuesday	8	2 12:45	14:15	Ruby
1570654085	Interpretive Structural Modeling (ISM) Approach to Identify Success Factors for Implementing A Kaizen Culture	Mechanical and Industrial Engineering Symposium	Elisa Kusriani (Islamic University of Indonesia, Indonesia); Vembri Noor Helia and Ramadhan Ahmadi (Universitas Islam Indonesia, Indonesia)	M6		6	Tuesday	8	3 12:45	14:15	Ruby
1570651679	Unsupervised and Semi-Supervised Clustering for Insight Tracking in Social Media Analytics	Mechanical and Industrial Engineering Symposium	Dwi Adi Purnama (Universitas Gadjah Mada, Indonesia); Subagyo Subagyo and Nur Aini Masruroh (Gadjah Mada University, Indonesia)	M6		6	Tuesday	8	4 12:45	14:15	Ruby
1570651470	The Differences of Green Manufacturing's Adoption by Small and Medium-Sized Enterprises (SMEs) in Developed and Developing Countries: A Review	Mechanical and Industrial Engineering Symposium	Ira Setyaningsih and Wakhid Ciptono (Faculty of Economics and Business Universitas Gadjah Mada, Indonesia); Nurul Indarti (Universitas Gadjah Mada, Indonesia); Nofie Vidya Kemal (Faculty of Economics and Business Universitas Gadjah Mada, Indonesia)	M6		6	Tuesday	8	5 12:45	14:15	Ruby
1570653513	Application of Remote Sensing Technology and SIG for Extraction of Groundwater Potential Zone Parameters in Gesing Watershed, Purworejo	Remote Sensing and Geomatics Symposium	Sudaryatno Sudaryatno, Noorhadi Rahardjo and Winanda Nanda (Universitas Gadjah Mada, Indonesia)	R1		1	Monday	7	1 13:10	14:40	Jasper

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1570634519	Hybrid Remote Sensing for Estimating Timber Production and Carbon in Tropical Rainforest	Remote Sensing and Geomatics Symposium	Wahyu Wardhana (University of Gadjah Mada, Indonesia); Wirastuti Widyatmanti (Faculty of Geography Gadjah Mada University, Indonesia); Emma Soraya (Faculty of Forestry University of Gadjah Mada, Indonesia); Bekti Larasati (University of Gadjah Mada, Indonesia); Deha Agus Umarhadi and Rian Adi Sumarto (Universitas Gadjah Mada, Indonesia); Fahmi Idris (Faculty of Forestry Gadjah Mada University, Indonesia)	R1	1	Monday	7	2	13:10	14:40	Jasper
1570653663	Estimation of Fractional Canopy Cover of Bedul Mangrove Forest Using PlanetScope Imagery	Remote Sensing and Geomatics Symposium	Shifa A Mahardhika and Muhammad Kamal (Universitas Gadjah Mada, Indonesia)	R1	1	Monday	7	3	13:10	14:40	Jasper
1570653471	Estimation Soil Erosion Using MUSLE Method and TRMM Data in Mongo Watershed, Purworejo	Remote Sensing and Geomatics Symposium	Shelly Yeni Saputri, Sudaryatno Sudaryatno and Noorhadi Rahardjo (Universitas Gadjah Mada, Indonesia)	R1	1	Monday	7	4	13:10	14:40	Jasper
1570645480	Integrating GIS and ABM for Overland Flow Model in Central Celebes, Indonesia	Remote Sensing and Geomatics Symposium	Sandy Budi Wibowo and Idea Wening Nurani (Universitas Gadjah Mada, Indonesia); Taufik Purwanto (Gadjah Mada University, Indonesia); Nur Mohammad Farda (Universitas Gadjah Mada, Indonesia)	R2	2	Monday	7	1	14:40	16:10	Jasper
1570644864	Seabed Classification Using Multibeam Echosounder Measurement Data	Remote Sensing and Geomatics Symposium	Rachmat Nitriansyah (Universitas Gadjah Mada, Indonesia); Bambang Kun Cahyono (Universitas Gadjah Mada & Faculty of Engineering, Indonesia)	R2	2	Monday	7	2	14:40	16:10	Jasper
1570641202	Estimation of Strain Rate in the Opak Fault with Postseismic Correction After the 2006 Yogyakarta Earthquake	Remote Sensing and Geomatics Symposium	Nurul Ninatin (Universitas Gadjah Mada, Indonesia); Nurrohmat Widjajanti (Gadjah Mada University, Indonesia); Cecep Pratama (Universitas Gadjah Mada, Indonesia)	R2	2	Monday	7	3	14:40	16:10	Jasper
1570637622	Susceptibility Distribution Analysis of Tsunami Using Spatial Multi-Criteria Evaluation (SMCE) Method in Parangtritis, Indonesia	Remote Sensing and Geomatics Symposium	Taufik Budi Waskita, Rahma Aulia Zahra, Muslih Biladi, Muhammad Nadafa Isnain, Pegi Melati and Anugrah Aditya Insani (Universitas Gadjah Mada, Indonesia); Ikhwan Amri (Gadjah Mada University, Indonesia); Djati Mardiatno (Universitas Gadjah Mada, Indonesia); Ratih Putri (Faculty of Geography, Universitas Gadjah Mada, Indonesia)	R2	2	Monday	7	4	14:40	16:10	Jasper
1570650974	Evaluating Multi-sensor Combination of Normalized Difference Vegetation Index (NDVI) Time Series Data over Southeast Asia	Remote Sensing and Geomatics Symposium	Sanjiwana Arjasakusuma and Sandiaga Kusuma (Universitas Gadjah Mada, Indonesia)	R2	2	Monday	7	5	14:40	16:10	Jasper
1570651415	Identification of Reef Characteristics Using Remote Sensing Technology in Ayau Islands, Indonesia	Remote Sensing and Geomatics Symposium	Muhammad Hafizt (Research Center for Oceanography, Indonesia); Gusti Ayu Ismayanti and Mutiara Rachmat Putri (Bandung Institute of Technology, Indonesia); Yoniar Hufan Ramadhani (Geospatial Information Agency, Indonesia); Ir. Suyarso (Research Center for Oceanography, Indonesia)	R3	3	Tuesday	8	1	10:15	11:45	Jasper
1570641119	Estimation of Slip Rate and the Opak Fault Geometry Based on GNSS Measurement	Remote Sensing and Geomatics Symposium	Jiyon Ataa Nurmufti Adam (Universitas Gadjah Mada, Indonesia); Nurrohmat Widjajanti (Gadjah Mada University, Indonesia); Cecep Pratama (Universitas Gadjah Mada, Indonesia)	R3	3	Tuesday	8	2	10:15	11:45	Jasper
1570642853	Spatio-Temporal Analysis of Post-Disaster Built-Up Expansion in Banda Aceh City, Indonesia	Remote Sensing and Geomatics Symposium	Ikhwan Amri (Gadjah Mada University, Indonesia); Ihsan Prabaswara (University of Gadjah Mada, Indonesia); Sri Giyarsih (Gadjah Mada University, Indonesia)	R3	3	Tuesday	8	3	10:15	11:45	Jasper
1570644377	Gravity Disturbance Derived from Airborne Gravity and Its Geodynamics Interpretation of Sulawesi Island	Remote Sensing and Geomatics Symposium	Fildzah Zainati Fadhilah and Leni Sophia Heliani (Universitas Gadjah Mada, Indonesia)	R3	3	Tuesday	8	4	10:15	11:45	Jasper
1570639997	Built-Up Area Monitoring Using Cloud Computing-Based on Remotely Sensed Imagery in Samarinda City, Indonesia	Remote Sensing and Geomatics Symposium	Bayu Elwanto Bagus Dewantoro, Lucky Rakananda Hasandy and Sheffiera Indriyaningtyas (Universitas Gadjah Mada, Indonesia)	R3	3	Tuesday	8	5	10:15	11:45	Jasper
1570653571	Estimation of Mangrove Fractional Canopy Cover Using Sentinel-2A Imagery	Remote Sensing and Geomatics Symposium	Artha Parela (Gadjah Mada University & Indonesia, Indonesia); Muhammad Kamal (Universitas Gadjah Mada, Indonesia)	R4	4	Tuesday	8	1	12:45	14:15	Jasper
1570651245	Comparison of Supervised Algorithms for Built-Up Classification in Indonesia Metropolitan	Remote Sensing and Geomatics Symposium	Achmad Fauzi Bagus Firmansyah (Statistics Indonesia, Indonesia)	R4	4	Tuesday	8	2	12:45	14:15	Jasper
1570640620	Modification of Temperature Vegetation Dryness Index (TvdI) Method for Detecting Drought with Multi-Scale Image	Remote Sensing and Geomatics Symposium	A Sediyo Adi Nugraha (Universitas Pendidikan Ganesha, Indonesia); Totok Gunawan and Muhammad Kamal (Universitas Gadjah Mada, Indonesia)	R4	4	Tuesday	8	3	12:45	14:15	Jasper

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1570654127	Cirrus Cloud Correction in Landsat 8 Image Using Combined Image-Based Approach and Various Classification Schemes	Remote Sensing and Geomatics Symposium	Abdul Basith, Ratna Prastyani and Indah Restumi (Universitas Gadjah Mada, Indonesia)	R4	4	Tuesday	8	4	12:45	14:15	Jasper