

Timetable
International Conference on Science, Technology and Humanity (ISETH) 2015
Gedung Pascasarjana Universitas Muhammadiyah Surakarta
7 December 2015

Registration

Venue: Conference Room, Gedung Pascasarjana 5th floor Kampus II UMS
07.30 – 08.45 Participant registration

Plenary session

Venue: Conference Room, Gedung Pascasarjana 5th floor Kampus II UMS
08.45 – 09.30 Opening ceremony

- Recitation of verses from Al Qur'an
- Greetings from the ISETH Committee Chair
- Opening Speech by Rector of Universitas Muhammadiyah Surakarta

09.30 – 10.00 Coffee break

10.00 – 11.30 Keynote speech

Chair: Dr. Nurgiyatna

Kenynote Speakers:

- Prof. Mustafa bin Mat Deris
- Assoc. Prof. Laurence Tamatea

Lunch break

Venue: Hall, Gedung Pascasarjana 4th floor Kampus II UMS
11.30 – 12.30 Lunch break

Parallel sessions

Engineering, Physics and Environmental Science

Room: Joule

Venue: Classrooms, Gedung Pascasarjana 4th floor Kampus II UMS

12.30 - 12.45	Briefing
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Chair: Supriyono

12.45 - 13.00	Analysis of Indonesia's automotive component export by country of destination using multivariate analysis	Dedy Sugiarto, Triwulandari S Dewayana, Dorina Hetharia, Tiena Gustina Amran
13.00 - 13.15	Classification of meandering rivers: interpreting the morphological river by using the planimetric characteristics	Yuri Sukamto, Robby Yussac Tallar, William Trisina
13.15 - 13.30	Cost analysis of the new landfill system in North Kolaka Regency, Southeast Sulawesi, Indonesia	Irwan Ridwan Rahim
13.30 - 13.45	Two-dimensional rubble-mound breakwater model using tetrapod at armor layer and geotube at core layer	Olga Pattipawaej, Hanny Dani, I Putu Samskerta
13.45 - 14.00	Analysis of combustion temperature in the chopped wood gasification process with air velocity variation	Wijianto, Subroto, Sarjito
14.00 - 14.15	Model analysis and laboratory experiments of strengthening diagonal wall panels in concrete structures	Yenny Nurchasanah, Muhammad Ujianto

14.15 - 14.30	BREAK
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Chair: Mochamad Solikin

14.30 - 14.45	Comparison study of beryllium and lithium target system for beam shaping assembly used in boron neutron capture therapy	David Harendza, Suryasatriya Trihandaru, Slamet Santosa, Yohanes Sardjono
14.45 - 15.00	Potential vegetation for soil and water conservation: case study in Samin watershed, Central Java	Maridi, Putri Agustina, Alanindra Saputra
15.00 - 15.15	White rot fungus (<i>Marasmius</i> sp.) delignification on sugarcane bagasse for bioethanol production	Cici Darsih, Satriyo Krido Wahono, Vita Taufika Rosyida, M. Kismurtono
15.15 - 15.30	Prediction rate of erosion and sedimentation using swat model in Keduang sub watershed Wonogiri Regency	Prima Nugroho, Yuli Priyana, Sigit Haryadi
15.30 - 15.45	Study of achievements open defecation free (ODF) in Passo Village, Sub District Teluk Ambon Baguala, Ambon City	Hendrawati Noya, Gusti Ihda Mazaya, Eddy Setiady Soedjono
15.45 - 16.00	Achievement target study of open defecation free in Kelurahan Kelayan Tengah, Kota Banjarmasin	Gusti Ihda Mazaya, Hendrawati Noya, Eddy Setiady Soedjono
16.00 - 16.15	Practice bombing fish and cyanide fish to social impact for fishermen: Qualitative study on Barrang Lompo Island	Abdul Wahid

Computer Science and Mathematics

Room: Gauss

Venue: Classrooms, Gedung Pascasarjana 4th floor Kampus II UMS

12.30 - 12.45	Briefing
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Chair: Heru Supriyono

12.45 - 13.00	Decision support system for acceptance scholarship with simple additive weighting method	Yogiek Indra Kurniawan
13.00 - 13.15	Shoulder surfing resistant text based graphical password schemes using color	Nurul Kholisatul Ulya, Lukito Edi Nugroho, Dani Adhipta
13.15 - 13.30	Decision support systems with profile matching method in selection marketing achievement officer at BRI Katamso Yogyakarta	Ripto Mukti Wibowo, Adhistya Erna Permanasari, Indriana Hidayah
13.30 - 13.45	Building a recommendation system for online shopping based on item-based collaborative filtering	Tessy Badriyah, Ira Prasetyaningrum, Basik Adhi P., Iwan Syarif
13.45 - 14.00	Developing automatic test assembly using LP-SOLVE and MYSQL for parallel test packages based on the information function	Rumyati, Rumyati
14.00 - 14.15	Bayesian survival mixture model on years of schooling in West Papua Province	Maulidiah Nitivijaya, Nur Iriawan, Heri Kuswanto
14.15 - 14.30	BREAK	

Chair: Fajar Suryawan

14.30 - 14.45	Rare event weighted logistic regression for classification of imbalanced data	Dian Eka Apriana Sulasih, Santi Wulan Purnami, Santi Puteri Rahayu
14.45 -15.00	Sectoral employment in Indonesia with Seemingly Unrelated Regression (SUR) and Spatial Model Approach	Vivin Novita Dewi, Setiawan, Santi Putri Rahayu
15.00 - 15.15	Hybrid ARIMAX-NN model for forecasting inflation	Santi Eksiandayani, Suhartono, Dedy Dwi Prastyo
15.15 - 15.30	Modeling inflation volatility using ARIMAX-GARCH	Sri Aryani, Heri Kuswanto, Suhartono
15.30 - 15.45	Some properties of m-accretive operators in normed spaces	Christina Kartika Sari
15.45 - 16.00	The comparison of classical bivariate binary logistic regression and Bayesian for unbalanced response variable (case study: customers of antivirus software 'x' company)	Muktar Redy Susila, Heri Kuswanto, Kartika Fithriasari

Health Sciences and Psychology

Room: Freud

Venue: Classrooms, Gedung Pascasarjana 4th floor Kampus II UMS

12.30 - 12.45	Briefing
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Chair: Setyaningrum Rahmaty

12.45 - 13.00	Finding an iron deficiency anemia (IDA) at young women with overweight or obesity	Amelya Augusthina Ayusari, Shofura Azizah, Lilik Wijayanti, Dono Indarto, Yuliana Heri Suselo, Yusuf Ari Mashuri, Yunia Hastami, Dwi Rahayu
13.00 - 13.15	The relation of zinc deficiency level on memory of school-age children	Setianingsih, Djaswadi Dasuki, Indria Laksmi Gamayanti
13.15 - 13.30	Design system for education & health counseling (E-Pedakos) Posyandu in Indonesia based e-learning	Wiharto, Esti Suryani, Siti Fatimah
13.30 - 13.45	The relationship between the intensity of dhikr breath with sleep latency	Setiyo Purwanto
13.45 - 14.00	Marital conflict resolution and influencing factors studies on married women in Makassar	Sitti Murdiana, Hendriati Agustiani
14.00 - 14.15	Correlation between intensity of dhikr breath and sleep latency	Yudhi Satria Restu Artosandi
14.15 - 14.30	BREAK	

Chair: Eny Purwandari

14.30 - 14.45	Psychological dynamics of incest victims	Fathi Rizqina, Ira Paramastri
14.45 - 15.00	Mathematics' self-efficacy and peer relation as a predictor of mathematics achievement	Aniq Hadiyah Bil Haq
15.00 - 15.15	Forgiveness therapy to improve the meaningfulness of life inmates in prisons X	Iyulen Pebry Zuanny, Subandi

Social Sciences, Arts and Humanities

Room: Al-Kindi

Venue: Classrooms, Gedung Pascasarjana 4th floor Kampus II UMS

12.30 - 12.45	Briefing
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Chair: Wardah Yuspin

12.45 - 13.00	Control of environmental impacts through licensing to achieve a sustainable development	Nuria Siswi Enggarani
13.00 - 13.15	Concept of Islam Kaffah in Islamic education curriculum	Sovia Mas Ayu, Ma
13.15 - 13.30	Female workers and mistreatment in Malaysia: a case of housemaids from Central Java	Tjipto Subadi
13.30 - 13.45	The enrichment of learning English model based on drama at Mardisiwi Islamic Kindergarten in Ngendroprasto Surakarta, Indonesia	Sri Slamet
13.45 - 14.00	Pre-service teachers' beliefs about mathematics	Sri Rejeki, Sugiyanti
14.00 - 14.15	Women as imagery consumer (clothes and cosmetics as the phenomena of cultural perspective of postmodernism)	Dwi Retnani Srinarwati
14.15 - 14.30	BREAK	

Chair: Muamaroh

14.30 - 14.45	Social media and mother's behavior in early childhood education	Nurhablisyah
14.45 - 15.00	Reconstructing proto-language of Baranusa-Kedang-Lamaholot in Eastern Indonesia	Yunus Sulistyono
15.00 - 15.15	Communication strategies for revealing valuable information in discussion	Malikatul Laila
15.15 - 15.30	Folklores as English teaching media for young learners	Honest Umami Kaltsum, Ratnasari Diah Utami
15.30 - 15.45	Homework-based learning in the teaching of adjective clause at English education program	Rini Fatmawati

Management, Finance and Economics

Room: Smith

Venue: Classrooms, Gedung Pascasarjana 4th floor Kampus II UMS

12.30 - 12.45	Briefing
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Chair: Soepatini

12.45 - 13.00	Education information systems planning practices and performance of government agencies in Malaysia	Abdul Rahmat
13.00 - 13.15	Trust and governance mechanism in Indonesian family small medium sized enterprises	Kussudyarsana
13.15 - 13.30	Recruitment and selection process in restaurant and café industry in Malang City	Lohana Juariyah
13.30 - 13.45	Planning in management education financing in Madrasah Tsanawiyah Negeri (MTsN)	Rusman Saleh
13.45 - 14.00	Characteristics of work stress and effect the performance of employees (empirical studies in Kampong Batik Laweyan Surakarta)	Lukman Hakim
14.00 - 14.15	BREAK	

Chair: Anton Agus Setiawan

14.15 - 14.30	Analysis of the institutional capacity as a part of the institutional economics: evidence from the organizational capacity of Surakarta City local government	Agung Riyardi, Widodojono, Muzakar Isa
14.30 - 14.45	Analysis of supply chain management in Indonesian creative industries an AHP approach	Benyamin Parubak, Suryadi Hadi
14.45 -15.00	Improving health care utilization through insurance awareness to reduce maternal death in Indonesia	Nugroho Wisnu Murti, Vitri Widyaningsih
15.00 - 15.15	Diminishing musharakah contract as an alternative financing for small and medium-sized enterprises	Imronudin