



**5th ICoGOIA 2016 Bandung, Indonesia
Conference Program**

October 21, 2016	Venue: Lobby	1400 - 1600	Registration	
October 22, 2016	Venue: Caramel Room	0830 - 0915	Opening Remarks	Rektor Universitas Padjadjaran
		0915 - 0945	Plenary Speech 1	Keynote Speaker - Prof. Dr. Sudradjat Supian, MS, Universitas Padjadjaran
		1000 - 1030	Group Photo and Coffee Break	
	Venue: Caramel Room	1030 - 1230	Session 1	
	Venue: Maple Room	1030 - 1230	Session 2	
	Venue: Sugar Resto	1230 - 1400	Lunch	
	Venue: Caramel Room	1400 - 1600	Session 3	
	Venue: Maple Room	1400 - 1600	Session 4	
		1600 - 1630	Coffee Break	
	Venue: Caramel Room	1630 - 1800	Session 5	
Venue: Maple Room	1630 - 1800	Session 6		



Session 1

Time: 1030 - 1230

Venue: **Caramel Room**Session Chair: **Prof. Dr. Sudradjat Supian**

No	Paper ID	Presenter
1	015-icogoia	Performance of Surfactant-Polymer Flooding under the Influence of Intermittent Ultrasonic Waves Nor Asyikin Noruddin, Wan Rosli Wan Sulaiman, Abdul Razak Ismail <i>Universiti Teknologi Malaysia, Malaysia</i>
2	032-icogoia	Estimating the Number of Paediatric Patients using Least Square and Conjugate Gradient Methods Nur Syarafina Mohamed, Mustafa Mamat, Mohd Rivaie, Nur Syairah Shahrul Nizam. <i>Universiti Sultan Zainal Abidin, Malaysia</i>
3	028-icogoia	Quadratic Investment Portfolio Without a Risk-Free Asset Based on Value-at-Risk Sukono*, Pramono Sidi, Dwi Susanti, Sudradjat Supian* <i>Padjadjaran University, Indonesia</i>
4	037-icogoia	An Alternative Approach for Conjugate Gradient Method Norhaslinda Zull, Nurul 'Aini, Mustafa Mamat, Mohd Rivaie, Sukono <i>Universiti Sultan Zainal Abidin, Malaysia</i>
5	014-icogoia	Optimization of Wavelet Weighted Fuzzy Model for Time Series Data and Its Application to Forecast Jakarta Composite Index Agus Maman Abadi, Nurhayadi, Musthofa <i>Yogyakarta State University, Indonesia</i>
6	031-icogoia	New Hybrid Coefficient BFGS for Unconstrained Optimization and its Global Convergence Ummie Khalthum Mohd Yusof, Mustafa Mamat, Fatma Susilawati Mohamad, Mohd Asrul Hery Ibrahim <i>Universiti Sultan Zainal Abidin, Malaysia</i>
7	034-icogoia	Numerical Simulation for Identifying Shoreline Erosion in the Vicinity of Runway Platform of Sultan Mahmud Airport, Kuala Terengganu, Malaysia Yuyun Hidayat, *Subiyanto, Mohammad Fadhli Ahmad, Mustafa Mamat, Aceng Sambas, Sudradjat Supian <i>Padjadjaran University, Indonesia</i>
8	044-icogoia	Tool Wear of Uncoated Carbide and PVD TiAlN Coated Carbide Tools in End Milling of AISi/AlN Metal Matrix Composite S.H. Tomadi, J.A. Ghani, H. Mas Ayu, R. Daud <i>Universiti Malaysia Pahang, Malaysia</i>



Session 2

Time: 1030 - 1230

Venue: **Maple Room**Session Chair: **Assoc. Prof. Dr. Saiful Bahri Mohamed**

No	Paper ID	Presenter
1	007-icogoia	Analyzing the Effect of Bin-width on the Computed Entropy Sri Purwani, Sudradjat Supian, and Carole Twining <i>Padjadjaran University, Indonesia</i>
2	019-icogoia	Optimizing Portfolio of Stock Investment Under The Influence of Market Sentiment By Using Time Series Model Approach Endang Soeryana, Nur Fadhlina bt Abdul Halim, Endang Rusyaman, Sukono, Sudradjat Supian <i>Padjadjaran University, Indonesia</i>
3	042-icogoia	Another Descent Conjugate Gradient Method with Strong-Wolfe line search Nur Hamizah, Mustafa Mamat, Fatma Susilawati, Mohd Rivaie <i>Universiti Sultan Zainal Abidin, Malaysia</i>
4	017-icogoia	Point Operation to Enhance the Performance of Fuzzy Neural Network Model for Breast Cancer Classification Dhoriva Urwatul Wutsqa, Rahmada Putri Setiadi <i>Yogyakarta State University, Indonesia</i>
5	029-icogoia	Branch and Bound for the Cutwidth Minimization Problem Mochamad Suyudi*, Mustafa Mamat, Sukono, Sudradjat Supian <i>Padjadjaran University, Indonesia</i>
6	038-icogoia	Intuition Concept in Small and Medium Enterprises through Strategic Decision Making Iwan Inrawan Wiratmadja, Augustina A. Rumanti*, Rocky Reynaldo, Amelia Kurniawati* <i>Bandung Institute of Technology, Indonesia</i>
7	005-icogoia	Critical Success Factors for Benchmarking Implementation in Oil Palm Industry Fatimah Mahmud, Baba Md Deros, Dzuraidah Abdul Wahab, Mohd Nizam Ab Rahman, Rohaizan Ramlan <i>Universiti Malaysia Pahang, Malaysia</i>
8	048-icogoia	Modeling of Economic Growth by Using Principal Component Regression Julita Nahar, Sri Purwani, Fatimah Khonsa Syahidah, Sudradjat Supian <i>Universitas Padjadjaran, Indonesia</i>



Session 3

Time: 1400 - 1600

Venue: **Caramel Room**Session Chair: **Dr. Sri Purwani**

No	Paper ID	Presenter
1	043-icogoia	The Effect of Surface Pressure and Elasticity to the Surface Minimum Energy with Fractional Order E. Rusyaman, E. Carnia, K. Parmikanti, Sudradjat S, A. K. Superiatna <i>Universitas Padjadjaran, Indonesia</i>
2	021-icogoia	The Properties of Fuzzy Green Relations on Bilinear Form Semigroups Karyati <i>Yogyakarta State University, Indonesia</i>
3	047-icogoia	Hydrological Implication of Traditional Farming Systems: A case study in the Upper Citarum and Cimanuk Watersheds, West Java Chay Asdak and Sudradjat Supian <i>Universitas Padjadjaran, Indonesia</i>
4	041-icogoia	Academic Information System in Higher Education Institution toward Education 3.0: A Preliminary Study Hadi Prasetyo Utomo, Abdul Talib bin Bon, and Mokhammad Hendayun <i>Universiti Tun Hussein Onn Malaysia, Malaysia</i>
5	020-icogoia	Employees Timetabling Simulation Using Integer Linear Programming Technique Sudradjat Supian, R. Sudrajat, Eman Lesmana, Amalia Farida <i>Padjajaran University, Indonesia</i>
6	025-icogoia	Parameter Free Filled Function Method for Solving Unconstrained Global Optimization Problem Herlina Napitupulu, Ismail Bin Mohd. F. Sukono, Sudradjat Supian, Nurfadhline Abdul Halim <i>Universitas Padjadjaran, Indonesia</i>
7	046-icogoia	Concept Generation Of Sensor-Based Head Reading Lamp Vivi Triyanti, A. Adya Pramudita <i>Atma Jaya Catholic University of Indonesia, Indonesia</i>
8	033-icogoia	Thermal Oxidation Process Improved Corrosion in Cobalt Chromium Molybdenum Alloys H. Mas Ayu, R. Daud, A. Shah, M. Y. Mohd Faiz, H. M. Hazwan, M. S. Salwani, S. H. Tomadi, M. S. Reza <i>Universiti Malaysia Pahang, Malaysia</i>



Session 4

Time: 1400 - 1600

Venue: **Maple Room**Session Chair: **Dr. Sukono**

No	Paper ID	Presenter
1	003-icogoia	<p>Artificial Neural Network: The alternative method to obtain the dimension of ankle bone parameters.</p> <p>R. Daud, H. Mas Ayu, M. S. Salwani, S. H. Tomadi, Mohammed Rafiq Abdul Kadir, Hanumantharao Balaji Raghavendran, Tunku Kamarul</p> <p><i>Universiti Malaysia Pahang, Malaysia</i></p>
2	009-icogoia	<p>The Application to Find Cutting Patterns in Two Dimensional Cutting Stock Problem</p> <p>Sisca Octarina*, Putra BJ Bangun, and Samuel Hutapea</p> <p><i>Universiti Sriwijaya Indonesia</i></p>
3	016-icogoia	<p>Edges Trimming Parameter Optimizations of Hybrid Composite CFRP/AL2024</p> <p>W.N.F.Mohamad #, S.B.Mohamed*, M. Minhat#, M.S.Kasim#, M. Mamat#</p> <p><i>Universiti Teknikal Melaka Malaysia, Malaysia</i></p>
4	023-icogoia	<p>Educational Effectiveness Evaluation Using Hybridization of Input - Output Model and Clustering Analysis Method: Indonesian Data</p> <p>Feri Wijayanto #</p> <p><i>Universitas Islam Indonesia Yogyakarta, Indonesia</i></p>
5	004-icogoia	<p>An Evaluation of Emergency Department Treatment Process</p> <p>Siti Noor Amira, Fazeeda Mohamad, Cheng Jack Kie, Razman Mat Tahar, Sabariah Faizah Jamaluddin</p> <p><i>Universiti Malaysia Pahang, Malaysia</i></p>
6	022-icogoia	<p>Power Series Solutions for Nonlinear Systems of Partial Differential Equations</p> <p>Eddy Djauhari</p> <p><i>Universitas Padjadjaran, Indonesia</i></p>
7	051-icogoia	<p>The Information Technology Share In Management Information System</p> <p>Nur Zeina Mayasari</p> <p><i>Padjadjaran University, Indonesia</i></p>
8	012-icogoia	<p>Optimization Parameters Selection in Beltline Moulding Manufacturing</p> <p>Abdul Talib Bon</p> <p><i>Universiti Tun Hussein Onn Malaysia, Malaysia</i></p>



Session 5

Time: 1630 - 1800

Venue: **Caramel Room**

Session Chair: **Dr. Fazeeda Mohamad**



No	Paper ID	Presenter
1	040-icogoia	Bootstrap Procedure for Bias Reduction and Percentiles tp Weibull Distribution Riaman #, F Sukono * Betty Subartini <i>Universitas Padjadjaran, Indonesia</i>
2	011-icogoia	THE DEVELOPMENT OF LEARNING VIDEO MEDIA BASED GEOGEBRA FOR INCREASING THE STUDENTS' MATHEMATICAL UNDERSTANDING Risnawati, and Aulia Ma'ruf <i>Sultan Syarif Kasim Islamic University, Indonesia</i>
3	024-icogoia	Refinery Scheduling for Naphta Hydrotreater Unit using Nonlinear Programming Yosi Agustina Hidayat, Ketut Resiki Widiastuti and Endra Joelianto <i>Bandung Institute of Technology, Indonesia</i>
4	006-icogoia	improving body shop production performance Azila-Nadiyah Dulli, Cheng Jack Kie, Fazeeda Mohamad <i>Universiti Malaysia Pahang, Malaysia</i>
5	035-icogoia	Structural Information in the Shape of the Optimum of Registration Objective Function Sri Purwani, Julita Nahar, Asep K. Supriatna , Carole Twining <i>Padjadjaran University, Indonesia</i>
6	039-icogoia	Hybrid quasi-Newton and Conjugate Gradient Method for Solving Unconstrained Optimization Problems Nurul 'Aini, Nurul Hajar, Mustafa Mamat, Mohd Rivaie <i>Universiti Sultan Zainal Abidin, Malaysia</i>
7	018-icogoia	New Generation Cooperative Financial Mathematical Model Preliminary Concept Estiyan Dwipriyoko **1, Abdul Talib Bin Bon #1, F.Sukono #2 <i>Universiti Tun Hussein Onn Malaysia, Malaysia</i>



Session 6

Time: 1630 - 1800

Venue: **Maple Room**Session Chair: **Prof. Dr. Abdul Talib Bon**

No	Paper ID	Presenter
1	049-icogoia	<p>Modeling of CVaR and CMVaR for Life Insurance with Poisson Distribution of the Claim Number and Logistic Distribution of the Claim Amount</p> <p>Sukono, Abdul Talib bin Bon, Muhammad Iqbal Al-Banna Ismail, Yuyun Hidayat, Sudradjat Supian</p> <p><i>Padjajaran University, Indonesia</i></p>
2	027-icogoia	<p>On The Application of Bivariate Weibull Distribution in Lease Contract</p> <p>Udjianna Sekteria Pasaribu #, Hutomo Atman Maulana *, Hennie Husniah #</p> <p><i>Langlangbuana University, Indonesia</i></p>
3	002-icogoia	<p>ENTREPRENEURIAL COMPETENCIES AND NETWORKS: A QUALITATIVE STUDY</p> <p>Puteri Fadzline Tamyiez, Nazaruddin Ishak, Juhary Ali</p> <p><i>Universiti Malaysia Pahang, Malaysia</i></p>
4	052-icogoia	<p>Assessing the Readiness of Contractors in Implementing Low Carbon Construction in Penang</p> <p>Safiynaz Omar, Wira Mohd Shafie</p> <p><i>Universiti Malaysia Pahang, Malaysia</i></p>
5	008-icogoia	<p>Hotel Trip Generation in Tourism City (case study :Bandung City, Indonesia)</p> <p>Karda D Yayat, B. Kombaitan, Heru Purboyo</p> <p><i>Bandung Institute of Technology, Indonesia</i></p>
6	050-icogoia	<p>Evaluation Model for Risk Insurance Premiums of Building Damage Caused by Flood: Case Study in Citarum Watershed, Southern Bandung, Indonesia</p> <p>Pramono Sidi, Mustafa Mamat, Sukono, Sudradjat Supian</p> <p><i>Universiti Sultan Zainal Abidin, Malaysia</i></p>
7	053-icogoia	<p>The Impact of Fleet Size on Performanced-Based Maintenance Contracts</p> <p>H. Husniah*, A. Cakravastia, B. P. Iskandar*</p> <p><i>Langlangbuana University, Indonesia</i></p>