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**5<sup>th</sup> ICoGOIA 2016 Bandung, Indonesia  
Conference Program**

<b>October 21, 2016</b>	Venue: <b>Lobby</b>	1400 - 1600	Registration	
<b>October 22, 2016</b>	Venue: <b>Caramel Room</b>	0830 - 0915	Opening Remarks	<b>Rektor Universitas Padjadjaran</b>
		0915 - 0945	Plenary Speech 1	<b>Keynote Speaker - Prof. Dr. Sudradjat Supian, MS, Universitas Padjadjaran</b>
		1000 - 1030	Group Photo and Coffee Break	
	Venue: <b>Caramel Room</b>	1030 - 1230	Session 1	
	Venue: <b>Maple Room</b>	1030 - 1230	Session 2	
	Venue: <b>Sugar Resto</b>	1230 - 1400	Lunch	
	Venue: <b>Caramel Room</b>	1400 - 1600	Session 3	
	Venue: <b>Maple Room</b>	1400 - 1600	Session 4	
		1600 - 1630	Coffee Break	
	Venue: <b>Caramel Room</b>	1630 - 1800	Session 5	
Venue: <b>Maple Room</b>	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	<b>Performance of Surfactant-Polymer Flooding under the Influence of Intermittent Ultrasonic Waves</b>  Nor Asyikin Noruddin, Wan Rosli Wan Sulaiman, Abdul Razak Ismail <i>Universiti Teknologi Malaysia, Malaysia</i>
2	032-icogoia	<b>Estimating the Number of Paediatric Patients using Least Square and Conjugate Gradient Methods</b>  Nur Syarafina Mohamed, Mustafa Mamat, Mohd Rivaie, Nur Syairah Shahrul Nizam. <i>Universiti Sultan Zainal Abidin, Malaysia</i>
3	028-icogoia	<b>Quadratic Investment Portfolio Without a Risk-Free Asset Based on Value-at-Risk</b>  Sukono*, Pramono Sidi, Dwi Susanti, Sudradjat Supian* <i>Padjadjaran University, Indonesia</i>
4	037-icogoia	<b>An Alternative Approach for Conjugate Gradient Method</b>  Norhaslinda Zull, Nurul 'Aini, Mustafa Mamat, Mohd Rivaie, Sukono <i>Universiti Sultan Zainal Abidin, Malaysia</i>
5	014-icogoia	<b>Optimization of Wavelet Weighted Fuzzy Model for Time Series Data and Its Application to Forecast Jakarta Composite Index</b>  Agus Maman Abadi, Nurhayadi, Musthofa <i>Yogyakarta State University, Indonesia</i>
6	031-icogoia	<b>New Hybrid Coefficient BFGS for Unconstrained Optimization and its Global Convergence</b>  Ummie Khalthum Mohd Yusof, Mustafa Mamat, Fatma Susilawati Mohamad, Mohd Asrul Hery Ibrahim <i>Universiti Sultan Zainal Abidin, Malaysia</i>
7	034-icogoia	<b>Numerical Simulation for Identifying Shoreline Erosion in the Vicinity of Runway Platform of Sultan Mahmud Airport, Kuala Terengganu, Malaysia</b>  Yuyun Hidayat, *Subiyanto, Mohammad Fadhli Ahmad, Mustafa Mamat, Aceng Sambas, Sudradjat Supian <i>Padjadjaran University, Indonesia</i>
8	044-icogoia	<b>Tool Wear of Uncoated Carbide and PVD TiAlN Coated Carbide Tools in End Milling of AISi/AlN Metal Matrix Composite</b>  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	<b>Analyzing the Effect of Bin-width on the Computed Entropy</b> Sri Purwani, Sudradjat Supian, and Carole Twining <i>Padjadjaran University, Indonesia</i>
2	019-icogoia	<b>Optimizing Portfolio of Stock Investment Under The Influence of Market Sentiment By Using Time Series Model Approach</b> Endang Soeryana, Nur Fadhlina bt Abdul Halim, Endang Rusyaman, Sukono, Sudradjat Supian <i>Padjadjaran University, Indonesia</i>
3	042-icogoia	<b>Another Descent Conjugate Gradient Method with Strong-Wolfe line search</b> Nur Hamizah, Mustafa Mamat, Fatma Susilawati, Mohd Rivaie <i>Universiti Sultan Zainal Abidin, Malaysia</i>
4	017-icogoia	<b>Point Operation to Enhance the Performance of Fuzzy Neural Network Model for Breast Cancer Classification</b> Dhoriva Urwatul Wutsqa, Rahmada Putri Setiadi <i>Yogyakarta State University, Indonesia</i>
5	029-icogoia	<b>Branch and Bound for the Cutwidth Minimization Problem</b> Mochamad Suyudi*, Mustafa Mamat, Sukono, Sudradjat Supian <i>Padjadjaran University, Indonesia</i>
6	038-icogoia	<b>Intuition Concept in Small and Medium Enterprises through Strategic Decision Making</b> Iwan Inrawan Wiratmadja, Augustina A. Rumanti*, Rocky Reynaldo, Amelia Kurniawati* <i>Bandung Institute of Technology, Indonesia</i>
7	005-icogoia	<b>Critical Success Factors for Benchmarking Implementation in Oil Palm Industry</b> Fatimah Mahmud, Baba Md Deros, Dzuraidah Abdul Wahab, Mohd Nizam Ab Rahman, Rohaizan Ramlan <i>Universiti Malaysia Pahang, Malaysia</i>
8	048-icogoia	<b>Modeling of Economic Growth by Using Principal Component Regression</b> 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	<b>The Effect of Surface Pressure and Elasticity to the Surface Minimum Energy with Fractional Order</b> <b>E. Rusyaman, E. Carnia, K. Parmikanti, Sudradjat S, A. K. Superiatna</b> <i>Universitas Padjadjaran, Indonesia</i>
2	021-icogoia	<b>The Properties of Fuzzy Green Relations on Bilinear Form Semigroups</b> <b>Karyati</b> <i>Yogyakarta State University, Indonesia</i>
3	047-icogoia	<b>Hydrological Implication of Traditional Farming Systems: A case study in the Upper Citarum and Cimanuk Watersheds, West Java</b> <b>Chay Asdak and Sudradjat Supian</b> <i>Universitas Padjadjaran, Indonesia</i>
4	041-icogoia	<b>Academic Information System in Higher Education Institution toward Education 3.0: A Preliminary Study</b> <b>Hadi Prasetyo Utomo, Abdul Talib bin Bon, and Mokhamad Hendayun</b> <i>Universiti Tun Hussein Onn Malaysia, Malaysia</i>
5	020-icogoia	<b>Employees Timetabling Simulation Using Integer Linear Programming Technique</b> <b>Sudradjat Supian, R. Sudrajat, Eman Lesmana, Amalia Farida</b> <i>Padjadjaran University, Indonesia</i>
6	033-icogoia	<b>Thermal Oxidation Process Improved Corrosion in Cobalt Chromium Molybdenum Alloys</b> <b>H. Mas Ayu, R. Daud, A. Shah, M. Y. Mohd Faiz, H. M. Hazwan, M. S. Salwani, S. H. Tomadi, M. S. Reza</b> <i>Universiti Malaysia Pahang, Malaysia</i>
7	025-icogoia	<b>Parameter Free Filled Function Method for Solving Unconstrained Global Optimization Problem</b> <b>Herlina Napitupulu, Ismail Bin Mohd. F. Sukono, Sudradjat Supian, Nurfadhilina Abdul Halim</b> <i>Universitas Padjadjaran, Indonesia</i>
8	046-icogoia	<b>Concept Generation Of Sensor-Based Head Reading Lamp</b> <b>Vivi Triyanti, A. Adya Pramudita</b> <i>Atma Jaya Catholic University of Indonesia, Indonesia</i>



Session 4

Time: 1400 - 1600

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

No	Paper ID	Presenter
1	009-icogoia	<b>The Application to Find Cutting Patterns in Two Dimensional Cutting Stock Problem</b> <b>Sisca Octarina</b> *, Putra BJ Bangun, and Samuel Hutapea <i>Universiti Sriwijaya Indonesia</i>
2	016-icogoia	<b>Edges Trimming Parameter Optimizations of Hybrid Composite CFRP/AL2024</b> W.N.F.Mohamad #, <b>S.B.Mohamed</b> *, M. Minhat#, M.S.Kasim#, M. Mamat# <i>Universiti Teknikal Melaka Malaysia, Malaysia</i>
3	023-icogoia	<b>Educational Effectiveness Evaluation Using Hybridization of Input - Output Model and Clustering Analysis Method: Indonesian Data</b> <b>Feri Wijayanto</b> # <i>Universitas Islam Indonesia Yogyakarta, Indonesia</i>
4	006-icogoia	<b>improving body shop production performance</b> Azila-Nadiah Dulli, <b>Cheng Jack Kie</b> , Fazeeda Mohamad <i>Universiti Malaysia Pahang, Malaysia</i>
5	022-icogoia	<b>Power Series Solutions for Nonlinear Systems of Partial Differential Equations</b> <b>Eddy Djauhari</b> <i>Universitas Padjadjaran, Indonesia</i>
6	051-icogoia	<b>The Information Technology Share In Management Information System</b> <b>Nur Zeina Mayasari</b> <i>Padjadjaran University, Indonesia</i>
7	004-icogoia	<b>An Evaluation of Emergency Department Treatment Process</b> Siti Noor Amira, <b>Fazeeda Mohamad</b> , Cheng Jack Kie, Razman Mat Tahar, Sabariah Faizah Jamaluddin <i>Universiti Malaysia Pahang, Malaysia</i>
8	012-icogoia	<b>Optimization Parameters Selection in Beltline Moulding Manufacturing</b> <b>Abdul Talib Bon</b> <i>Universiti Tun Hussein Onn Malaysia, Malaysia</i>



Session 5

Time: 1630 - 1800

Venue: **Caramel Room**Session Chair: **Dr. Fazeeda Mohamad**

No	Paper ID	Presenter
1	003-icogoia	<p><b>Artificial Neural Network: The alternative method to obtain the dimension of ankle bone parameters.</b></p> <p><b>R. Daud</b>, 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	040-icogoia	<p><b>Bootstrap Procedure for Bias Reduction and Percentiles tp Weibull Distribution</b></p> <p><b>Riaman #</b>, F Sukono * Betty Subartini</p> <p><i>Universitas Padjadjaran, Indonesia</i></p>
3	011-icogoia	<p><b>THE DEVELOPMENT OF LEARNING VIDEO MEDIA BASED GEOGEBRA FOR INCREASING THE STUDENTS' MATHEMATICAL UNDERSTANDING</b></p> <p><b>Risnawati</b>, and Aulia Ma'ruf</p> <p><i>Sultan Syarif Kasim Islamic University, Indonesia</i></p>
4	024-icogoia	<p><b>Refinery Scheduling for Naphta Hydrotreater Unit using Nonlinear Programming</b></p> <p><b>Yosi Agustina Hidayat</b>, Ketut Resiki Widiastuti and Endra Joelianto</p> <p><i>Bandung Institute of Technology, Indonesia</i></p>
5	035-icogoia	<p><b>Structural Information in the Shape of the Optimum of Registration Objective Function</b></p> <p><b>Sri Purwani</b>, Julita Nahar, Asep K. Supriatna , Carole Twining</p> <p><i>Padjajaran University, Indonesia</i></p>
6	039-icogoia	<p><b>Hybrid quasi-Newton and Conjugate Gradient Method for Solving Unconstrained Optimization Problems</b></p> <p><b>Nurul 'Aini</b>, Nurul Hajar, Mustafa Mamat, Mohd Rivaie</p> <p><i>Universiti Sultan Zainal Abidin, Malaysia</i></p>
7	018-icogoia	<p><b>New Generation Cooperative Financial Mathematical Model Preliminary Concept</b></p> <p><b>Estiyan Dwipriyoko</b> *#1, Abdul Talib Bin Bon #1, F.Sukono #2</p> <p><i>Universiti Tun Hussein Onn Malaysia, Malaysia</i></p>



Session 6

Time: 1630 - 1800

Venue: **Maple Room**

Session Chair: Prof. Dr. Abdul Talib Bon



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