



ARC-IPN Bangkok Conferences 2023
24-26 May 2023
Bangkok, Thailand

May 25, 2023	Venue:	0800 - 0830	Registration	
	Venue:	0830 – 0845	Opening Remarks	Opening Remarks
		0845 – 0945	Plenary Speech 1	Keynote Speaker
	Venue:	0945 – 1015	Group Photo and Coffee Break	
	Venue:	1030 – 1230	Session 1	
	Venue:	1230 – 1330	Lunch	
	Venue:	1330 – 1530	Session 2	
	Venue:	1330 - 1530	Session 3	
	Venue:	1545 - 1745	Session 4	
May 26, 2023	Lobby hotel	0800 - 1200	Networking	



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Session 1
Time: 1030-1230
Venue:
Session Chair:



No	Paper ID	Presenter
1	005-icera	Historical Structure Design Method Trough Data Analysis and Soft Programming Makhmud Kharun, Mohammad Hematibahar and Alireza Esparham <i>Moscow State University of Civil Engineering, Moscow, Russia</i>
2	002-icera	Development of Welding Fumes Extractor and Air Purifier for Safety and Risk Reduction Johnnie P. Santos <i>Don Bosco Technical Institute of Makati, TVET Department, Makati City, Philippines</i>
3	011-icera	Effect of printing parameters on surface roughness and mechanical properties of wire arc additive manufactured carbon steel M. Hietala, T. Rautio, M. Keskitalo and A. Järvenpää <i>University of Oulu, Finland</i>
4	034-icera	Delay in Construction and Failure Mitigation Plan Diyana Syafiqah Binti Abd Razak and Sarvesh A/L Gobi Nath <i>Heriot-Watt University Malaysia, Malaysia.</i>
5	007-icera	Tools Selection for Townhouse Demolition in Bangkok: Environmental Impact Analysis E. Bamisaye and T. Chinda <i>Thammasat University, Thailand</i>
6	003-icera	1D Steady Flow Flood Modeling of Bacoor River using LiDAR Digital Elevation Model Kirson Maynard E. Nodado and Federico B. dela Peña <i>Mapúa University, Muralla St. Intramuros, Manila 1002 Philippines</i>
7	012-icera	Fatigue strength and mechanical properties of laser welded wire arc additive manufactured (WAAM) 316L butt joints M. Hietala, T. Rautio, M. Keskitalo, M. Jaskari and A. Järvenpää <i>University of Oulu, Finland</i>
8	022-icera- jesr	Smart and Safe Mock-up Design in Electrical Installation Training John Dave Gopez <i>Don Bosco Technical Institute-Makati Inc., Chino Roces Ave, Makati, 1230 Metro Manila</i>



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Session 2
Time: 1330-1530
Venue:
Session Chair:



No	Paper ID	Presenter
1	017-icera	Investigation of Bonding Behaviour of Grouted Bar Connection Using Pull-Out Test M. R. Md Zain, C. L. Oh , M. A. Mohd Khairul Annuar, T. B. Ong, M. A. A. Saiful Madzi and A. Mishad <i>Universiti Teknologi MARA, Malaysia.</i>
2	013-icera	Improving the Fatigue Performance of Binder Jet Manufactured 316L by Severe Shot Peening Surface Modification Timo Rautio , Matias Jaskari, Mikko Hietala, and Antti Järvenpää <i>University of Oulu, Finland.</i>
3	021-icera-jesr	Technical-Vocational Education and Training in a Bubble Community through Open and Distance e-Learning: An Evaluative Study Jhenly Asedillas <i>Don Bosco One-TVET Philippines Inc., Chino Roces Ave, Makati, 1230 Metro Manila</i>
4	032-icera	Revolutionizing Wind Energy Harvesting: Design and Performance Analysis of A Small-Scale ARC-Shaped Pendulum Vortex Bladeless Turbine Abdul Hadi Shaisham , Mohamad Ikhwan Syafiq Zaidi, Mohamad Alif Omar and Azfarizal Mukhtar <i>Universiti Tenaga Nasional (UNITEN), Malaysia</i>
5	018-icera	Conceptual Design of Hybrid Renewable Energy System with Hydrogen-Battery Storage Systems W.W. Tan, H. Zen and S.L. Leo <i>i-CATS University College, Kuching, Malaysia</i>
6	014-icera	Fatigue Properties of MEX Manufactured 316L and The Effect of Severe Shot Peening Timo Rautio , Miguel Araya, Matias Jaskari, Mikko Hietala, and Antti Järvenpää <i>University of Oulu, Finland.</i>
7	004-icera	Behavioral Intention of Overseas Students to Study Online: Social Impact Theory Perspective Bin Chen and Xuemei Sun <i>International College of National Institute of Development Administration (ICO NIDA), Thailand</i>
8	023-icera-jesr	Design of Portable Electronic Brake Bleeder with Interchangeable Adapter and Integrated Trouble Light Marshall Nicolane Pagayon <i>Don Bosco Technical Institute-Makati Inc., Chino Roces Ave, Makati, 1230 Metro Manila</i>
9	028-icera	An Analysis of Direct Pressure Performance of a Wave Energy Converter using Dielectric Elastomer Generators (DEGs) with Different Topologies Mohamad Alif Omar , Zykri bin Ahmad Firdaus, Mohamad Ikhwan Syafiq Zaidi, Abdul Hadi Shaisham, Ahmad Shah Hizam Md Yasir, Azfarizal Mukhtar and Mohd Zamri Yusoff <i>Universiti Tenaga Nasional (UNITEN), Malaysia</i>



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Session 3
Time: 1330-1530
Venue:
Session Chair:



No	Paper ID	Presenter
1	024-icera-jesr	Fabrication of Jigs in Toolbit Grinding for Shop Safety and Efficiency Jerwin dela Fuente <i>Don Bosco Technical Institute-Makati Inc., Chino Roces Ave, Makati, 1230 Metro Manila</i>
2	015-icera	Macrostructure Behaviour of Self-Compacting Concrete (SCC) Encompassing Eggshell M R Md Zain, C L Oh, S W Lee, A Mishad¹ and N A Mohd Sofi <i>Universiti Teknologi MARA, Malaysia.</i>
3	009-icera	The Knowledge Management Process of Construction Companies in Vietnam: Exploratory Factor Analysis Vo Dang Khoa and Thanwadee Chinda <i>Thammasat University, Pathum Thani, Thailand</i>
4	036-icera	Assessment of Building Information Modelling (BIM) Contract Application in Malaysia Construction Industry R.A Rahman and M.H.A.R Najib <i>Heriot-Watt University Malaysia, Malaysia.</i>
5	037-icera	Rain Attenuation in Worst Month for 5G network in Tropical Region (Malaysia) for Terrestrial Link Kesavan Ulaganathen, G.L.D. Wicramasinghe, Mian K. Ehsan, Tharek A.R. and Rafiqul M. Islam <i>Colombo Plan Staff College, Metro Manila, Philippines</i>
6	025-icera-jesr	Used-Engine Oil in Aluminum Metal Upcycling: A Proposed Circular Economy Strategy Syrael Soque <i>Don Bosco Technical College, Chino Roces Ave, Makati, 1230 Metro Manila</i>
7	018-icera	FEM on Short T Normal Curing Carbon Fiber Reinforced Polymer (CFRP) Strengthened to RC Beam Amiruddin Mishad, Mohd Hisbany Mohd Hashim, Azmi Ibrahim, Oh Chai Lian, Nurnajmi Safiuddin bin Husain and Mohd Raizamzamani Md Zain <i>Universiti Teknologi MARA (UiTM) Shah Alam, Selangor, Malaysia</i>
8	031-icera	CFD Simulation of The Effectiveness of Wind Catchers in Improving the Ventilation Rate of Underground Parking Garages Mohamad Ikhwan Syafiq Zaidi, Abdul Hadi Shaisham, Mohamad Alif Omar, Ahmad Shah Hizam Md Yasir, and Azfarizal Mukhtar <i>Universiti Tenaga Nasional (UNITEN), Malaysia</i>



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Session 4
Time: 1545 - 1745
Venue:
Session Chair:



No	Paper ID	Presenter
1	001-iceese	Adaptive Wavelet De-noising Algorithm using Absolute Difference Optimization Technique for Partial Discharge Signal Chin Kui Fern, Chai Chang Yii ,* Asfarina Abu Bakar, Herwansyah Lago, Pungut Ibrahim, Ahmad Razani Haron <i>i-CATS University College, Kuching, Sarawak, Malaysia.</i>
2	001-icbss	Uncovering the Intention to Use Digital Banking Services among Commercial Banks' Customers: Structural Equation Modelling Approach Liana Mohamad , Zahir Osman, Ratna Khuzaimah Mohamad, Zulaihan Ismail and Mohd Irman Mohd Din <i>Open University Malaysia, Malaysia</i>
3	008-icccb	Development of Pyrochlore Structured Materials for Intermediate Temperature Solid Oxide Fuel Cell Applications Ajay Raj, Anjana P. Anantharaman <i>National Institute of Technology Warangal, India</i>
4	002-assric	Spatial Intelligence for Senior High School Students Fellix Rimba , Nandi and Annisa Joviani Astari <i>Universitas Pendidikan Indonesia, Indonesia</i>
5	006-icccb	Survival of Isolated Probiotic Yeast Strains from Kefir Towards Bile and Acidic Environments Azhar, M.A <i>Universiti Malaysia Pahang, Pahang, Malaysia</i>
6	003-assric	Market sentiment in a nancial evolutive model with biased fundamentalist and chartists N. Pecora <i>Catholic University, Piacenza, Italy</i>
7	007-icccb	Elucidating the Toxicity of Imidazolium-based Surface-Active Ionic Liquids (Im-SAILs) against Gram Positive and Gram Negative Bacteria Magaret Sivapragasam , Mok Shue Yee and Kafilat Bawa-Allah <i>QUEST International University, Perak, Malaysia.</i>