Sustainable Infrastructure Management and Technology (SIMT)

SIMT - 1

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Yureana Wijayanti	08.30-08.45	96	Nala Nabila Saraswati, **Juliastuti**, Tjatur Haripriambodo, Lalu Marhayani Kesuma	The analysis of cofferdam construction based on risk assessment using HIRARC and FMEA methods
		08.45-09.00	97	**Juliastuti**,Tjatur Haripriambodo	Selection analysis of heavy equipment on earthwork with linier programming (case study: kertajadi toll road)Selection analysis of heavy equipment on earthwork with linier programming (case study: kertajadi toll road)
		09.00-09.15	20	Muhamad Zihni, **Riza Suwondo**	Pushover analysis of multi-storey concrete structures
		09.15-09.30	90	**Anderson Tantrio**, Andryan Suhendra	Analysis of sheet pile position influence in countermeasure to landslide at the cutting slope in infrastructure project
		09.30-09.45	100	Muhamad Iqbal Erizal, **Riza Suwondo**	Application of direct analysis method on the long span steel structures
		09.45-10.00	64	**Andryan Suhendra**, Fendy	Rapid impact compaction method as an alternative ground improvement technology in infrastructure project
		10.00-10.15			**BREAK**
		10.15-10.30	108	Muhamad Kemal Ibrahim, **Yureana Wijayanti**, Michael Siek	A GIS-Based Analysis of Groundwater Manganese and Nitrate Concentration for Sustainable Water Supply
		10.30-10.45	19	Richo Owen, **Muhammad Zacky Asy'ari**, Vanesha Wijaya, Arie Wisnu Wardhana, Gatot Suharjanto	Accuracy of Computer Vision Hough Line Transform for Water Level Measurement
		10.45-11.00	89	Adelia Maria Julieta Parrangan, **Yureana Wijayanti**, Ernie S. A. Soekotjo	Evaluation of Trends for Iron and Manganese Concentrations in Shallow Groundwater, Jakarta City
		11.00-11.15	33	**E H Saptaputra** , Nunnun Bonafix, A S Araffanda	Mobile App as Digitalisation of Waste Sorting Management
		11.15-11.30	41	**Maimun Rizalihadi**, Abdullah, Nizarli, Safwan	The Field application efficiency Assessment of Paddy Field in Aceh Irrigation Scheme, Aceh, Indonesia
		11.30-11.45	62	**Putri Arumsari**, Ghina Arisyi Rifa	Earned value analysis on Polres Menteng Flat construction project
		11.45-12.00	63	Hafizh Rizieq Asyrofi, **Putri Arumsari**	Comparative analysis of critical path method (CPM), precedence diagram method (PDM), and project evaluation review technique (PERT) method on the duration of bridge work (Case study : Gelam Bridge Project)
		12.00-13.00			**BREAK**
2	Putri Arumsari	13.00-13.15	11	**Wahyu Sardjono**, Haryoto Kusnoputranto, Hargo Utomo	Development of Alternative Models in Building Elderly Friendly Cities in Urban Areas
		13.15-13.30	9	**Edy Irwansyah**, Frey Darmasurya, Grady Christia, Andreas, Nurhasanah Nurhasanah	Alternative Method in Selecting Location of Subsidized Housing Loan in Medan and Deli Serdang, Indonesia
		13.30-13.45	139	**Horas Yosua**, Muhammad Syahril Badri Kusuma, Joko Nugroho	Study of flood mitigation system for improving the resilience of pluvial flood control of south Jakarta. (Case study: Ciledug raya, Cipulir.)
		13.45-14.00	125	**Anak Agung Ngurah Perwira Redi**, Bayu Nur Abdallah, Erni Selviyanti Ulfa, Annisya Nur Oktavian, Muqimuddin, Haryo Triajie, La Ode M.Aslan	Analysis of sustainable online fish auction services using process chain network diagram
		14.00-14.15	68	**Denzel Polantika**, Yusuf Averroes Sungkar, Johannes	Hexapod Robot with Indoor Path Planning Using ROS Navigation Stack on A Static Map
		14.15-14.30	72	**Muhammad Mizan Muslim**, Yusuf Latief	Modification of Hexagon Conceptual Model to Improve Competitiveness of the Building Sector Construction Industry in Indonesia
		14.30-14.45			
		14.45-15.00			
		15.00-15.30			**Closing**

SIMT-2

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Adelia D	08.30-08.45	80	Ivan Arya Farras, **I Gede Mahardika Susila**	Evaluation study of pull-out capacity and deformation of bored pile foundation in a Jakarta building construction project
		08.45-09.00	82	Raihan Alifandika Jatnika, **I Gede Mahardika Susila**	Analysis and evaluation study of retaining wall structures in a building project in South Jakarta
		09.00-09.15	16	**Irpan Hidayat**, Febrian Suryatama	Dynamic Analysis of Continuous Span Box Girder Bridge
		09.15-09.30	91	Wahyu Prambudi Pramudita, **Adelia Dwidarma Nataadmadja**	Analysis of operational and service performance and the use of light rail transit (LRT) Jakarta as a transport demand management (TDM) strategy
		09.30-09.45	17	**Irpan Hidayat**, Dwi Adhi Putra	Correlation Model of Deflection and Rotation on PCI Girder Bridge
		09.45-10.00	142	**Sartika Rini**	Applying Indonesia Regulation on Fire Protection System at High Rise Building in Jakarta
		10.00-10.15			**BREAK**
		10.15-10.30	131	**Fauzi Khair**, Sartika Rini	Analysis of the Supply Chain Performance Measurement System using the SCOR 12.0 and the Value Stream Mapping Method Approach towards Sustainability Strategy (Case Study: Power Generation Company in Indonesia)
		10.30-10.45	61	**Muhammad Rio Baskara**, Christian Cahyono	Price and time comparison of modular house and conventional house
		10.45-11.00	201	Elvin Veldarista Octaviani, **Christian Cahyono**	Raw Water Network Planning in Bate Village, Keerom Regency, Jayapura, Papua
		11.00-11.15	54	**Welly Wangidjaja**	Green Waste, Waste Management Concept in Urban Areas, Study Case Agung Podomoro Land Tanjung Duren
		11.15-11.30	92	Ardito Rafi Marelo, **Adelia Dwidarma Nataadmadja**	The usage of organic waste as a filler in porous asphalt
		11.30-11.45	86	Muhammad Shahkaflie, **Eduardi Prahara**, Audry Farrel S. Rahardhani	Sustainable traffic management solution for unsignalized Kelapa Gading Roundabout
		11.45-12.00	79	Azka Azeilya Rahma Santoso, **Eduardi Prahara**, Tory Darmantoro	An analysis for safety and environmentally friendly pedestrian characteristic and crossing facilities selection, (case study: Jalan Alternatif Cibubur)
		12.15-13.00			**BREAK**
2	Eduardi Prahara	13.00-13.15	4	**Muhammad Asrol**	Developing an Inference Engine for Estimating State of Charge of the Lead Acid Battery
		13.15-13.30	121	Gregorius Aji Sentosa, Rizky Agung, Christy Vania Marbun, Windy Kurniawan, Azka Fardany Ibady, **Andrew John Pierre**, Farell, Abimanyu Satrio Ambiarto, Andiensa Hana Insyira	Construction progress monitoring on toll road project using photogrammetry
		13.30-13.45	46	**Mochamad Arief Budihardjo**, Sri Sumiyati, Dian Ratna Sawitri, Annisa Mayang Sari, Muhamad Iqbal Julianggara	Recent progress and suggestions on waste management strategy in Kalisalak village, Batang regency
		13.45-14.00	190	**Rosidah**, Lila Nathania	Towards developing a green campus initiative: Exploring the stakeholders' opinions
		14.00-14.15	77	Tiara Suci Rhamadita, **Oki Setyandito**, Novandy, Martin Anda	Study of rainwater harvesting as a water conservation in mall building in South Tangerang
		14.15-14.30	124	G. A. Sentosa, A. Azzaqy, S. G. Wardani, **O. Setyandito**, A. S. Ambiarto, A. J. Pierre, Farell	Construction scheduling and monitoring control of dams based on BIM
		14.30-14.45			
		14.45-15.00			
		15.00-15.30			**Closing**

SIMT- 3

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Anthony Gunawan	08.30-08.45	74	Dennis Matthew Rakiman, **Andi Bayu Putra**	Application Of Value Analysis on Housing Projects in Depok Region
		08.45-09.00	27	**Andi Bayu Putra**, Putri Arumsari, Christian Cahyono, JF Bobby Saragih, Valdy Kosalim	Building Infrastructure Analysis Using Total Station and Unmanned Aerial Vehicle Drone for Surveying and Modelling
		09.00-09.15	116	**Meilani**, K.E.N. Soebandrija, M.H.A.P. Dhiatra	Roof Tile Fragments As Substitute Of Fine Aggregate and Gypsum Powder As Substitute of Cement For Sustainable Concrete Production
		09.15-09.30	117	**Caroline Maretha Sujana**, Antonius Ruben Wakkary	GREEN CONSTRUCTION STUDY ON BUILDINGS (CASE STUDY REVITALIZATION TAMAN ISMAIL MARZUKI PHASE 1)
		09.30-09.45	150	Ade Ariyani Sari Fajarwati, **Anak Agung Ayu Wulandari**, Octaviana Sylvia Caroline, Ulli Aulia Ruki, Reno Fanthi, Ahmad Faisal Choiril Anam Fathoni	Sustainable Design Strategy through Upcycling Waste Wood Material and Creating a Digital Marketplace for Micro Crafters Community
		09.45-10.00	113	Valdy Kosalim, **Anthony Gunawan**	Corner effects of retaining wall on its behaviour
		10.00-10.15			BREAK
		10.15-10.30	87	**James Widjaja Susanto**, Caroline Maretha Sujana	Barriers to The Implementation of Green Building at
		10.30-10.45	158	**Sri Hartini**, M.F.D. Nugraha , Syafrudin, Sudarno, Bimastyaji Surya Ramadan, Mochamad Arief Budihardjo	An Overview of Wastewater from Traditional Tofu Industries in Sugihmanik Village, Grobogan Regency and its Appropriate Treatment Alternative
		10.45-11.00	155	**P. Subiatmono**, K.R.T. Nur Suhascaryo, Adi Ilcham	Analysis Of Compressive Strength And Thickening Time Cement G Class With Additional Addition Of Ceramic And Glass Waste At Laboratory Scale
		11.00-11.15	111	Williams Lijaya, **Anthony Gunawan**	Sustainable technique to improve undrained shear strength of
		11.15-11.30	172	**Susilawati Cicilia Laurentia**, Ika Sari Damayanthi Sebayang, Indah Wahyuning Tyas	Rainwater Management in Rukuramba Village to Support Water, Food and Energy Security
		11.30-11.45	13	**Wahyu Sardjono**, Haryoto Kusnoputranto, Hargo Utomo	Using System Dynamics Approach to Develop Performance Measurement Model of Environmental Friendly
		11.45-12.00	106	**Muhammad Hafiz Aslami**, Benedict D. Rogers, Peter Stansby, Andrea Bottacin-Busolin	Complex dam break simulation using the 2-D
		12.15-13.00			BREAK
2	M. Hafiz Aslami	13.00-13.15	162	**Rut Puspaningtyas Suntarto**, Jessica Sjah, R.R Dwinanti Rika, Erly Bahsan	Study of the Interaction between Fluid Flow and Solid Particle with Smoothed Particle Hydrodynamics Method
		13.15-13.30	73	**Lisa Azizah**, Yusuf Latief	A Risk Analysis of Planning and Controlling in Design Process at PT. XYZ
		13.30-13.45	221	**Tota Pirdo Kasih**	Non-thermal plasma approach for conversion of greenhouse's gases to hydrogen and valuable chemical fuels: A short review
		13.45-14.00	222	**Rivanus Dewanto**	APPLICATION OF TIME MANAGEMENT OF CONCRETE PRECAST WALL WORK ON HIGH-RISE CAMPUS BUILDINGS
		14.00-14.15	181	**Nabilla Retnaning Dewanti**, Titi Indahyani, , Gwendy Natasya, Alexia Aurelius	Utilization of Used Bus for Children's Reading Facility in Kemayoran Area
		14.15-14.30	173	**Dendhy Indra Wijaya**, Ahmad Maulana, Hubertus Davy Yulianto	Sustainability Green Raw Material Inventory with Continuous Replenishment Method: A Case Study Housing Construction Company
		14.30-14.45			
		14.45-15.00			
		15.00-15.30			Closing

Smart Industry (SI)

SI - 1

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Amir Tjolleng	08.30-08.45	28	Robertus Tang Herman, Yoseph Benny Kusuma, Yudhistya Ayu Kusumawati, Darjat Sudrajat, **Satria Fadil Persada,**	Understanding the Influential Factors on Multi-Device Usage in Higher Education During Covid-19 Outbreak
		08.45-09.00	35	**Dedy Ariansyah**	The Impact of Different Modes of Augmented Reality Information in Assisted Aircraft Cable Assembly
		09.00-09.15	38	**Wahyu Sardjono**	Artificial Intelligence as A New Competitive Advantage In Digital Marketing In The Banking Industry
		09.15-09.30	102	**Dyah L. Widaningrum**, Ni Nyoman Putri Santi Rahayu	Breakdown Time Prediction Model Using CART Regression Trees
		09.30-09.45	36	**Dedy Ariansyah**	Toward Learning Factory for Industry 4.0: Virtual Reality (VR) for Learning Human-robot Collaboration
		09.45-10.00	80	**Widhi Setya Wahyudhi**, Rano Kartono, Mohammad Hamsal, Asnan Furinto	Approach of Big Data Analytics and Innovative Work Behavior to Improve Employee Performance in Coal Mining Contractor Companies: Heavy Equipment Expert Perspective
		10.00-10.15			**BREAK**
	Dyah L. Widaningrum	10.15-10.30	52	**Amir Tjolleng**	Occupational Safety and Health Training in Virtual Reality Considering Human Factors
		10.30-10.45	91	**Michael A. Tuori**, Andriana Nurmalasari, Pearla Natalia	Identifying Renewable Energy Sources for Investment on Sumba Island, Indonesia Using the Analytic Hierarchy Process (AHP)
		10.45-11.00	42	**Fransisca Dini Ariyanti**	Analysis of Request for Quotation (RFQ) With Rejected Status use K-Modes and Ward's Clustering Methods. A Case Study of B2B E-Commerce Indotrading.com
		11.00-11.15	43	Azure Kamul, Nico Hananda, **Rienna Oktarina**	Digital Supply Chain Management Transformation in Industry: A Bibliometric Study
		11.15-11.30	119	**Ezra Peranginangin**, Yosica Mariana	Evaluation of branding strategy in automotive industry using DEMATEL approach
		11.30-11.45			
		11.45-12.00			
		12.00-13.00			**BREAK**
2		13.00-13.15			
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		14.45-15.00			
		15.00-15.30			**Closing**

Eco-Architecture Planning and Design (EPD) + Smart Architecture (SA)

EPD - 1

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Yanita Mila Ardiani	08.30-08.45	12	**Rheza Maulana**	Architecture For Wildlife: The Possible Solution to Human-Wildlife Conflicts in Indonesia
		08.45-09.00	135	**Euis Puspita Dewi**, S.T. Trikariastoto, Nurina, Eka Rakhmat Kabul, I Gede Agus Suwartane	Integrated Urban Farming Park: Implementing Permaculture Design Concept for Child Education of Agriculture in Jakarta
		09.00-09.15	184	**Euis Puspita Dewi**, I Gede Agus Suwartane, Siti Khomsiah, Nana Trisnawati, Maya Syafriana Effendi, Rilla Sovitriana	Implementation of CBT in Sentul-Bogor Trekking Tourism: Local Community-based Interpretation Route Design Development
		09.15-09.30	206	**Noegi Noegroho**, Yanita Mila Ardiani, Ira Audia Agustina	Eco-tourism Destination through carrying capacity in Eris Village North Sulawesi : Challenge and Issues
		09.30-09.45	194	**Noegi Noegroho**, Sigit Wijaksono	Industrial Symbiosis in Green Industrial Estate: Potential and Problems
		09.45-10.00	195	**Sigit Wijaksono**, Genia Sandra	Green Community center: Using long-life materials for low maintenance and easy serviceability.
		10.00-10.15		**BREAK**	
	Michael Isnaeni Djimantoro	10.15-10.30	69	**Adeanna Putri Pertiwi**, Vivien Soebiyan, JF Bobby Saragih	Inclusive school environment including its supporting facilities based on student behavior approach
		10.30-10.45	71	**Martin Lawrance Sutanbuwana**, Vivien Soebiyan, John Fredy Bobby Saragih	Elementary School with Post Pandemic Approach
		10.45-11.00	161	**Alifia Nur Aini**, J.F. Bobby Saragih	Environmental factors based on child-centered aspects in child-friendly elementary school
		11.00-11.15	223	**JF Bobby Saragih**	The Image of School : Children's Perspectives about Places
		11.15-11.30	171	**Hana Kireina Widiyanti**, Ira Audia Agustina	Implementation of The Deafspace Design Concept in The Office and Co-Working Space Hear Me Company
		11.30-11.45	44	**Arsa Widitiarsa Arsa Utoyo**, Santo Tjhin	STUDY OF ENVIROMENTAL GRAPHIC DESIGN SIGNAGE MRT STATION BLOK M
		11.45-12.00	170	**Terrance Judhistira,** Mila Savitri, Doni Morika	Designing Surabaya Juanda Airport Boarding Lounge with A New Experience for The Photography and Aviation Geeks
		12.00-13.00		**BREAK**	
2	Yanita Mila Ardiani	13.00-13.15	43	**Polin Marsahala**, Amarena Nediari, Christianto Roesli	Exploring Indonesia's Recycled-Plastic Waste Material in Interior Design for Sustainable Interior Eco-Planning
		13.15-13.30	154	**Wahyu Waskito Putra**, Tiara Ika Widia Primadani	Upcycling Bicycle Parts for Interior Decoration with Smart Lamps as an Eco-Friendly Design
		13.30-13.45	42	**Laura Valencia Kamara**, R. Asep Ahadiat Gandawijaya	The Usage of Dried Breadfruit Leaves as Particle Board Material
		13.45-14.00	57	Stephanie Angelia, **Andi Pramono**, Sherly Wijaya, Andrianto Putra Pratama Sutanto, Crosita Yuninda	Tropical Interior of Pick a Bite Startup using Sustainable Materials
		14.00-14.15	186	**Andriano Simarmata**, Doni Morika, Bayu Ramadhan Wardani Edward	The Study of Creative Process in Problem Solving Waste Material Into Commercial Product
		14.15-14.30	211	Elizabeth Phoebe Jeadi, Wahyu Waskito Putra, **Tiara Ika Widia Primadani**, Bambang Kartono Kurniawan, Brainnisa Ramadhani	Interior Design of Bakery Shops and Cafes Using Sustainable
		14.30-14.45	185	**Andi Pramono**, Crosita Yuninda, Badrul Munir	Excavated Earth Area Maximization as a Basement and Outdoor Living Space on a Sloped Terrain Housing
		14.45-15.00			
		15.00-15.30		**Closing**	

EPD - 2

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Religiana Hendarti	08.30-08.45	39	**Qurrotul A'yun**, Kusnul Prianto, Muhamad Ratodi	Acoustic Design for Urban Educational Buildings by Using Noise Tools, IBANA Calc and Ecotect
		08.45-09.00	120	**Vivien Soebiyan**, M. D. Koerniawan, S. Triyadi	A review of hybrid ventilation on humid tropics climate
		09.00-09.15	140	**Dyah Ayu Sekarningrum**, Ira Audia Agustina	Thermal and Humidity Control System in Interior as Climate Responsive Design
		09.15-09.30	197	**Michael Isnaeni**, Aureliana Tumiwa	The Use of Local Wind Simulation in Healthcare Facilities for Disease Control
		09.30-09.45	198	**Wiyantara Wizaka**, Gatot Suharjanto, Sigit Wijaksono	Self-Energy Harvesting through Architectural Design: Harnessing embodied energy in the Building and Human environment
		09.45-10.00	225	**Taufik Roni Sahroni**, Saifol Anuar Ahmad, Suriati Akmal	Thermal expansion flow analysis in designing a sustainability computer personal unit casing
		10.00-10.15			**BREAK**
	Bunga Sakina	10.15-10.30	193	**Hatta Hasbur Rachman**, Religiana Hendarti, Bunga Sakina	Natural lighting optimization through configuration of shading device for library in East Jakarta
		10.30-10.45	220	**Rifqah Raudhatul Firdausa**, Michael Isnaeni	Consideration Aspects in Designing Secondary Skins for Residential Houses in The Tropics
		10.45-11.00	202	**Bunga Sakina**, Denny Setiawan	Housing Satisfaction and Preferences Towards Indoor Quality Related to the Environmental Factors in the Context of the Covid-19 Pandemic
		11.00-11.15	216	**Denny Setiawan**	Relationship between the theory of green architecture and the design of houses that are responsive to the pandemic
		11.15-11.30	213	**Nina Nurdiani**	Study on the Physical Quality of Traditional Markets in Jakarta to support the realization of Environmentally Friendly Architecture
		11.30-11.45	215	**Nina Nurdiani**, A.N. Azizah	Study of Creative Hub in Central Jakarta for Sustainable Human Environment
		11.45-12.00	126	Dheavindra Fara Ayesha, **Yanita Mila Ardiani**, Bonny A Suryawinata	MARKET WITH VISIBILITY GRAPH ANALYSIS METHOD IN PALMERAH CENTRAL JAKARTA
		12.00-13.00			**BREAK**
2	Religiana Hendarti	13.00-13.15	76	**Elsa Intan Pratiwi**, Antariiksa Sudikno, Susilo Kusdiwanggo	Ecological Rural Expressions of Eko Prawoto's Tectonic Architecture to Create Modern House Sustainability
		13.15-13.30	175	**Seruni Kusumawardhani**, Deanawati Insani Wasilah	Application of Green Architecture Principles in Vernacular Landscape
		13.30-13.45	189	**I Gusti Ngurah Andracana**	Green thinking of Indonesian architects
		13.45-14.00	129	**Mila Savitri**, Rachmi Kumala Widyasari, Ratna Amalia, Mary Celica Susantio	Adaptive Reuse as Conservation Strategy for Sustainable Architecture in Cultural Heritage Building in Lasem
		14.00-14.15	21	**Mila Savitri**, Friska Amalia	Circular Design Strategy for Sustainable Campus Architecture and Interior in Bandung
		14.15-14.30	143	**S. Rachmayanti**, P. Salim, C. Roesli, H. Hartono	Vernacular Architecture Residential in Lasem with Batik Pattern Latohan in Interior
		14.30-14.45	123	**Ida Bagus Ananta Wijaya**	Biophilic Concept Analysis in The Interior of a Post-New Normal Residential Home
		14.45-15.00			
		15.00-15.30			**Closing**

EPD - 3

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Bunga Sakina	08.30-08.45	144	**Yosica Mariana**, Feshia Wijaya,Tubagus Ahmad Dwinandana	Design of Workstation for Remote Workers with Work Environment Consideration
		08.45-09.00	177	**Yosica Mariana**, Inayodhya Kiranajati, Michael Tedja	APARTMENT WITH SOCIAL SUSTAINABILITY APPROACH IN SOUTH JAKARTA
		09.00-09.15	148	**Michael Tedja**, Yosica Mariana, Soraya Nabilla Putri Hidayat	Mixed Use Building with Threshold Space Approach in Central Jakarta
		09.15-09.30	159	**Hendrico Firzandy**, Antony Sihombing, Achmad Hery Fuad	Sustaining Life in A Particular Community through Patron-Client Relationship
		09.30-09.45	168	**Vincent Sebastian**, Mila Savitri, Friska Amalia	Interior Design of Co-Working Area At Library In Bandung City As A Remote Working Facility For Freelance Workers With Biophilic Approach
		09.45-10.00	166	**Lathiyfah Shanti Purnamasari**, Antony Sihombing, Achmad Hery Fuad	Alienation in urban design and built environment: A literature review for unalienating cities
		10.00-10.15			**BREAK**
	Wiyantara Wizaka	10.15-10.30	119	**Polniwati Salim**, Christianto Roesli, Sri Rachmayanti, Hendri Hartono	The application of Wastra Nusantara at the Lewis Organic : Sustainability of Indonesian culture in a Green Architectural Public Space
		10.30-10.45	115	**Christopher Hans Setiawan**, Andriano Simarmata, Savitri Putri Ramadina	Interior Design Planning for Chili Edu-Tourism, Kemutug, Central Java
		10.45-11.00	153	**Angela Devina**, Andriano Simarmata, R. Asep Ahadiat Gandawijaya	Biomorpic Approach In Interior Design of Health and Organic Food Center
		11.00-11.15	210	**Sherly**,Titi Indahyani, Yunida Sofiana	Natural Environment Approach In Interior Design of Healthy Food and Information Center
		11.15-11.30	176	Mary Celica Susantio, **Rachmi Kumala Widyasari**	The Influence of Peranakan Culture on The Typology of The Kidang Mas Batik House, Lasem
		11.30-11.45	136	**Ditdit Nugeraha Utama**, Nurcahyo Wibowo	A Simple Fuzzy Decision Support Model for Determining the Indonesian Green Cities
		11.45-12.00	72	**Andi Pramono**, Crosita Yuninda	A Marketing Strategy for Architects using A Virtual Tour Portfolio to Enhance Client Understanding
		12.00-13.00			**BREAK**
2	Wiyantara Wizaka	13.00-13.15	77	**Florencia Irena Wijaya**	Video Mapping Application in Sea Life Experience Interior Design as Education and Recreation Facilities
		13.15-13.30	84	**Anisah El Hafizha Harahap**, Wahyu Sardjono	The Implementation of the "My Parking" Application as a Tool and Solution for Changing the Old Parking System to a Smart Parking System in Indonesia
		13.30-13.45	88	**Angelie Natalia Sanjaya**, Agung Purnomo, Fairuz Iqbal Maulana, Etsa Setiyati, Priska Purnama,	A Systematic Review of Marketing in Smart City
		13.45-14.00	113	Charin TH Simatupang, Dewi A Shoviah, **Fairuz Iqbal Maulana**, Ida Bagus Ananta Wijaya, Ira Audia Agustina,	Design and Development Applications HD'R Comic Cafe Using Augmented Reality
		14.00-14.15	108	**Andi Pramono**, Tiara Ika Widia Primadani, Bambang Kartono Kurniawan, Febby Candra Pratama, Crosita Yuninda	Sustainable Material-based Bedside Table Equipped with a Smart Lighting System
		14.15-14.30	112	Christoper Luis Alexander, Christiano Ekasakti Sangalang, Jonathan Evan Sampurna**, Fairuz Iqbal Maulana**, Mirza Ramadhani	Malang Historical Monument in HIMO Application with Augmented Reality Technology
		14.30-14.45	103	**Maria Seraphina Astriani**	Bee AR Teacher Framework: Build Augmented Reality Independently in Education
		14.45-15.00	31	**Pandu Meidian Pratama**, Agik Nur Efendi, Zainatul Mufarrikoh, Muhammad David Iryadus Sholihin,	Validation of Augmented Reality Prototype for Aspects of Cultural Learning for BIPA Students
		15.00-15.30			**Closing**

Smart Computing and Communication (SCC)

SCC - 1

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Endra Oey Rico Wijaya	08.30-08.45	5	**Muhammad Zacky Asy'ari**	Intelligent Small Scale Autonomous Vehicle Development Based On Convolutional Neural Network (CNN) for Steering Angle Prediction
		08.45-09.00	12	**Emny Harna Yossy**	Church Online Queuing System based-on Android
		09.00-09.15	17	Bens Pardamean, Teddy Suparyanto, Gokma Sahat Tua Sinaga, **Gregorius N. Elwirehardja**, Erick Firmansyah, Candra Ginting, Hangger Gahara Mawandha, Dian Pratama Putra	Comparison of K-Nearest Neighbor and Support Vector Regression for Predicting Oil Palm Yield
		09.15-09.30	20	**Ivan Alexander**, Rico Wijaya	Controllable Smart Locker using Firebase Services
		09.30-09.45	39	**Wahyu Sardjono**	Adoption of Artificial Intelligence In Response To Industry 4.0 In the Mining Industry
		09.45-10.00	22	**Daniel P Hutabarat**, Ivan Alexander	Controllable Nutrient Feeder and Water Change System Based On IoT Application for Maintaining Aquascape Environment
		10.00-10.15			BREAK
		10.15-10.30	51	**Nyoman Wira Prasetya**	IoT in The Aquaponic Ecosystem for Water Quality Monitoring
		10.30-10.45	53	Bambang Dwi Wijanarko, **Dina Fitria DFM Murad**, Dania Amelia, Fitri Ayu Cahyaningrum	Detect The Use of Real-Masks with Machine Acquiring using The Concept of Artificial Intelligence
		10.45-11.00	7	**Muhammad Zacky Asy'ari**	Histogram of Oriented Gradients (HOG) and Haar Cascade with Convolutional Neural Network (CNN) Algorithms Performance Comparison in the Application of Intelligent Home Security System
		11.00-11.15	13	**Emny Harna Yossy**, Wahyu Satrya	Tourism Recommendation System Using Fuzzy Logic Method
		11.15-11.30	18	**Immanuela Puspasari Saputro**, Junaidy Budi Sanger, Angelia Melani Adrian, Gilberth Mokorisa,	Application of Convolution Neural Network for Plastics Waste Management using TensorFlow
		11.30-11.45	30	**Nicholas Dominic**, Naufal Pratama, Kenny Cornelius, Shavellin Senewe, Bens Pardamean	Society with Trust: A Scientometrics Review of Zero-knowledge Proof Advanced Applications in Preserving Digital Privacy for Society 5.0
		11.45-12.00	85	**Endra Oey**	Projection Matrix Optimization for Compressive Sensing with Consideration of Cosparse Representation Error
		12.00-13.00			BREAK
2	Jimmy Linggarjati Rico Wijaya	13.00-13.15	54	**Meta Amalya Dewi**, Dina Fitria DFM Murad, Arba'iah Inn, Taufik Darwis, Noor Udin	Multiple Regression Model in Testing the Effectiveness of LMS After Covid-19
		13.15-13.30	57	**Dina Fitria DFM Murad**, Deby Destyananda Windasari Ramadhana, Enquity Rizki Ekayekti	Development of "RURUH" Mobile Based Application to Increase Mental Health Awareness
		13.30-13.45	59	Bani Fahlevi, Dery Oktora Pradana, Maulana Haikal, GG Faniru Pakuning Desak, **Meta Amalya Dewi**	Development of Indoor Positioning Engine Application at Workshop PT Garuda Maintenance Facilities Aero Asia Tbk
		13.45-14.00	63	**GG Faniru Pakuning Desak**, Sunardi, Imanuel Revelino Murmanto, Johari Firman Julianto Sirait	Analysis and Design of Information System E-Check Sheet
		14.00-14.15	64	Abimanyu Yoga Prastama, Primus William Oliver, MHD. Irsan Saputra, **Titan Halim**	User Experience Analysis of Web-Based Application System OTRS (Open-Source Ticket Request System) by Using Heuristic Evaluation Method
		14.15-14.30	65	**Inayatulloh**	Implementation Block Chain Technology and Internet of Thing on Land Transportation to Reduce Traffic Jam in Big Cities
		14.30-14.45	66	**Jimmy Linggarjati**	Review for Person Recognition using Siamese Neural Network
		14.45-15.00	67	**Ida Bagus Ananta Wijaya**, Irawan Setyabudi, Dian Kartika Santoso	Thermal Condition Evaluation of Farmhouse Using Ecotect Analysis as an Effort to Optimize Cultural Activity of Enclave Villagers (Case Study: Ngadas, Bromo Tengger Semeru National Park)
		15.00-15.30			**Closing**

SCC - 2

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Wiedjaja Atmadja	08.30-08.45	69	**Santoso Budijono**, Daniel P. Hutabarat,	Intelligent Home Monitoring System Using IoT Device
		08.45-09.00	71	**Rico Wijaya**, Ivan Alexander	Contactless Student Attendance System Using BLE Technology, QR-Code, and Android
		09.00-09.15	74	**Jessica Nathalie Wenas**, Adriyani Fernanda Kurniawan, Michael, Robertus Atmojo	Factor Influencing the Intention to Use Electronic Payment among Generation Z in Jabodetabek
		09.15-09.30	76	André de Carvalho, **I Gede Putra Kusuma Negara**, Alif Tri Handoyo	Irrigation Control System for Seedlings Based on the Internet of Things
		09.30-09.45	78	**Sularso Budilaksono**, Febrianty, Woro Harkandi Kencana, Nizirwan Anwar	Intelligent System Of Productivity Monitoring And Organic Garden Marketing Based On Digital Trust With Multi Criteria Decision Making Method
		09.45-10.00	79	**Nizirwan Anwar**, Sularso Budilaksono, Febrianty, Woro Harkandi	Ranking Soil Characteristics-Based Food Crop Determination Using Multi-Factor Evaluation Process (MFEP) Method
		10.00-10.15		**BREAK**	
		10.15-10.30	90	**Dedy Ariansyah**, Gregorius Elwirehardja, Reza Rahutomo, Faisal Asadi, Bens Pardamean,	AI-based video analysis for driver fatigue detection: A literature review on underlying datasets, labelling, and alertness level classification
		10.30-10.45	87	Endra Oey, **Winda Astuti**	Emotion Recognition based on Voice using Combination of Long Short Term Memory (LSTM) and Recurrent Neural Network (RNN) for Automation Music Healing Application
		10.45-11.00	89	Munzir Qadri, **Winda Astuti**	Analysis Of Knocking Potential Based On Vibration On A Gasoline Engine For Pertalite And Pertamax Turbo Using Signal Processing Methods
		11.00-11.15	95	Syahroni, **I Gede Putra Kusuma Negara**, Galih Dea Pratama	Light Control and Monitoring System Based on Internet of Things
		11.15-11.30	86	Endra Oey, Yuli Astuti Andriatin, **Winda Astuti**	Development of Wireless Integrated Early Warning System (EWS) for Hospital Patient
		11.30-11.45	47	**Lukas Tanutama**, Albert Hardy	A Study of Information and Communications Technology Students e-Platform Choices as Technopreneur
		11.45-12.00	75	**Lukas Tanutama**	Shirt Folding Appliance for Small Home Laundry Service Business
		12.00-13.00		**BREAK**	
2	Lukas Tanutama	13.00-13.15	98	**Benfano Soewito**	Website Personalization Using Association Rules Mining
		13.15-13.30	104	Fajrul Islamy, Kahlil Muchtar, Fitri Arnia, Rahmad Dawood, Alifya Febriana, **Gregorius N. Elwirehardja**, Bens Pardamean	Performance Evaluation of Coffee Bean Binary Classification through Deep Learning Techniques
		13.30-13.45	96	**Gusti Pangestu**, Daniel Anando Wangean, Sinjiru Setyawan, Choirul Huda, Fairuz Iqbal Maulana, Albertus Verasius Dian Sano, Slamet Kuswantoro	Transfer Learning Approach Based on MobileNet Architecture For Human Smile Detection
		13.45-14.00	117	**Safarudin Gazali Herawan**	Portable Waste Bank for Plastic Bottles with electronic-Money Payment
		14.00-14.15	32	**Adie E.Yusuf**	The Overall Review of Electrification through Renewable Energies in Indonesia
		14.15-14.30	73	**Roikhanatun Nafi'ah**, Era Febriana, Kumara Pinasthika	Design innovation of lobster fishing gear based on smart IoT with the TRIZ (Teoriya Resheniya Izobreatatelskikh Zadatch) approach
		14.30-14.45	19	Nicholas Phandinata, Muhammad Nurul Puji, **Winda Astuti**, Yuli Astuti Andriatin	Study on optimal machine learning approaches for Kidney Failure Detection System Based on Ammonia Level in The mount
		14.45-15.00	120	**Wiedjaja Atmadja**	IoT Based Beverage Dispenser Machine
		15.00-15.30		**Closing**	

Innovative Food Technology

IFT-1

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	Diana Lo	08.30-08.45	5	Luna Loho, **Diana Lo**, Andreas Romulo	Proximate and fatty acid analysis of Black Soldier Fly Larvae (Hermetia illucens)
		08.45-09.00	8	**Rudi Nirwantono**, Joko Pebrianto Trinugroho, Digdo Sudigyo, Alam Ahmad Hidayat, Bharuno Mahesworo, Bens Pardamean	Genome mining of potential enzyme from Chelatococcus composti for sustainable production of D-Allulose
		09.00-09.15	30	Nico Hananda, **Christian Harito**, Azure Kamul, Endang Djuana, Gregorius Natanael Elwirehardja, Bens Pardamean, Fergyanto E. Gunawan, Arief S. Budiman, Muhammad Asrol, Tim Pasang	Solar Drying in Indonesia and its Development: A Review and Implementation
		09.15-09.30	32	**Jesstika Anggreany Yendro**, Dwiyantari Widyaningrum	The development of vegetarian meatballs with oyster mushroom and tempeh flour using conjoint analysis and organoleptic test
		09.30-09.45	51	**Ervina**, Angelly Tenadi, Gabriella Renata, Shanie Aurelia	Does consumer knowledge of sorghum impact their liking? Investigating consumers preferences on sorghum biscuits using JAR (Just-About-Right) scale
		09.45-10.00	45	Arodio Dwiyoga Cahya, **Reggie Surya**, Felicia Tedjakusuma	Development of turmeric extract-enriched cookies
		10.00-10.15			BREAK
		10.15-10.30	40	**Natasha Yo Valerie Michelle**, Dwiyantari Widyaningrum	Optimization of Chlorella milk beverage formulation using D-optimal mixture design
		10.30-10.45	165	Jessica Anggraini, **Diana Lo**	Health Impact of Carrageenan and Its Application in Food Industry: A Review
		10.45-11.00	56	Vincentia Wilianto, **Ervina**	Evaluating consumer preferences based on the total antioxidant activity of the Indonesian herbal drink "Bandrek"
		11.00-11.15	58	Etania Karen Utari Partio, **Reggie Surya**, Felicia Tedjakusuma	Analysis of antioxidant and hedonic acceptance of turmeric extract-enriched milk
		11.15-11.30	98	**Elysia Evelyn**, Priyo Waspodo	Water Sorption Isotherm of Ebi Seasoned Potato Chip Model
		11.30-11.45	130	**Donald John Calvien Hutabarat**, Jansen Stevensen	Physicochemical Properties of Enzymatically Modified Starch A Review
		11.45-12.00			
		12.00-13.00			BREAK
2		13.00-13.15			
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		14.45-15.00			
		15.00 - 15.30			Closing

IFT-2

SESSION	MODERATOR	TIME	PAPER ID	AUTHORS	TITLE
1	**Fathyah Hanum**	08.30-08.45	180	Vincy Liunardi, **Andreas Romulo**, Tifany Hendrawan	Integrating the Kano Model and Quality Function Deployment for the Development of Ready-to-Eat Smoothie Bowl
		08.45-09.00	212	Gracia Inneke, **Hari Kristopo**	The effect of potato starch and xanthan gum addition on cilantro sauce product development
		09.00-09.15	199	Joevy Arzelia Bartolomiussihosa, **Wiwit Amrinola**	The effect of sorghum flour substituted in kwetiau (rice noodles) on the characteristics of physicochemical, functional, and sensory
		09.15-09.30	200	Katherine Gunadi, **Fathyah Hanum Pamungkaningtyas**	Effect of emulsifiers addition in sponge cake premix on the physical and sensory of sponge cake
		09.30-09.45	191	Han Na Jang, **Andreas Romulo**	Physicochemical and Sensory Evaluation of Shirataki Noodles Prepared from Porang and Tapioca Flours
		09.45-10.00	218	**R. Haryo Bimo Setiarto**, Ata Aditya Wardana	Biosynthesis of nisin, antimicrobial mechanism and its applications as a food preservation: A review
		10.00-10.15		BREAK	
		10.15-10.30	134	**Ivander**, Nyoman Dyota Pramudita, Nathanael Yonathan	Supplier Assessment in PET Recycle for The Beverage Industry
		10.30-10.45	152	Duyen Hanh Tran, **Huynh Xuan Phong**, Nguyen Ngoc Huy Binh, Le Quoc Viet, Luu Minh Chau, Nguyen Ngoc Thanh, Tan Phat Dao, Le Dang Truong	Selection and identification of antibacterial and GABA-producing lactic acid bacteria from Vietnamese fermented meat
		10.45-11.00	156	**Nur Fathonah Sadek**, Rizanti Suha Hamidah	The Stability of Total Phenolic and Antioxidant Activity during Processing and Cooking of Sorghum-Moringa Substituted Tapioca Noodle
		11.00-11.15	169	Meggie Rubby, **Wiwit Amrinola**, Rienna Oktarina	Development of ready-to-eat (RTE) liwet rice with corn analog rice substitution as an alternative food in emergency conditions
		11.15-11.30	52	Stefanny, **Fathyah Hanum Pamungkaningtyas**	Shrimp paste: different processing and microbial composition across Southeast Asia
		11.30-11.45	157	**Nur Fathonah Sadek**, Rizanti Suha Hamidah	The Nutritional Content, Omega Fatty Acids, and Amino Acids Profiles of Sorghum-Moringa Substituted Tapioca Noodles
		11.45-12.00			
		12.00-13.00		BREAK	
2		13.00-13.15			
		13.15-13.30			
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		15.00 - 15.30		Closing	