

The 1st International Conference and Exhibition on Powder Technology (ICePTi-2017)

DAY 1, 8 August 2017

TIME	PROGRAM
08.00 – 08.25	Registration
08.25 – 08.35	Welcoming Address (Chair of Organizing Committee)
08.30 – 09.00	Plenary Speaker 1: Prof. Hidehiro Kamiya (Dean at Tokyo University of Agriculture and Technology, Japan)
09.00-09.30	Plenary Speaker 2: Dr. Keri Lestari (Pharmacy, Unpad)
09.30 – 10.00	Coffee Break
10.00 –10.30	Plenary Speaker 3: Dr. Deo Raj Sing (Weill Cornell Medical College, Cornell University, USA)
10.30 - 11.00	Plenary Speaker 4: Prof. Mikio Sakai (University of Tokyo, Japan)
11.00 – 11.30	Plenary Speaker 5: Prof. Dr. P. Mullai
11.30 – 12.00	Opening Ceremony: Rector of Universitas Padjadjaran
	Universitas Padjadjaran Choir
	Photo session
12.00 – 13.30	Lunch Break

DAY 1, 8 August 2017

TIME	ROOM A	
	Moderator: Dr. Lukman Nulhakim	
13.30 – 14.00	INV. Dr. Erman Taer	
	Short Review: Preparation Technique of Biomass Based Activated Carbon Monolith Electrode for Supercapacitor Application	
	Authors	Title
14.00 – 14.15	Ayi Bahtiar , Euis Siti Nurazizah, Efa Latiffah, Risdiana, and Yukio Furukawa	Structural Properties of Perovskite Films on Zinc Oxide Nanoparticles-Reduced Graphene Oxide (ZnO-NPs/rGO) Prepared by Electrophoretic Deposition Technique
14.15 -14.30	M.Vanitha , N. Balasubramanian, I Made Joni, Camellia Panatarani	Detection of Mercury Ions Using L-Cysteine Graphene Oxide Modified Electrodes by Anodic Stripping Voltammetric Method
14.30 – 14.45	Heraldo Yanindra Pradana , I Made Joni, Liu Kin Men, Yayah Yuliah, Lukman Nulhakim, Vanitha Muthukanan, and Camellia Panatarani	Synthesis of Calcium doped Zinc Oxide Phosphors using Simple Solution Method and Its Properties
14.45 – 15.00	Erman Taer, Yeni Susanti , Awitdrus, Sugianto,Rika Taslim, Syaiful Bahri, Iwantono, Putri Dewi	The Effect of CO ₂ Activation Temperature on the Physical and Electrochemical Properties of Activated Carbon Monolith from Banana Stem Waste
15.00 - 15.15	Assifa Rahma Khoirunnisa , Danar Praseptiangga, I Made Joni and Camellia Panatarani ²	Improved UV-Screening, Transparency and Water Barrier Properties of Semi Refined Iota Carrageenan Packaging Film Incorporated with ZnO Nanoparticles
	Coffee Break	
16.00 – 18.00	Poster Session	
18.30 – 21.00	Banquet for all participant (conference, business talk, business meeting, expo) @ Bale Sawala Voyer	

DAY 1, 8 August 2017

TIME	ROOM B	
	Moderator: Dr. Andri Abdurrochman	
13.30 – 14.00	INV. Dr. Eng. Agus Purwanto	
	NCA Cathode Material: A Comprehensive Study	
	Authors	Title
14.00 – 14.15	Ferry Faizal , Khairunissa Moh. Paad, Eiji Miyazawa and Wuled Lenggoro	Utilization of Ultrasonic Cavitation Bubble for Particle Detachment in Liquid Medium
14.15 -14.30	Erman Taer, Putri Dewi , Sugianto, Riad Syech, Rika Taslim, Salomo, Yeni Susanti, and Agrandi Purnama	The Synthesis of Carbon Electrode Supercapacitor from Durian Shell Based on Variations in the Activation Time
14.30 – 14.45	Darmawan Hidayat , Setianto, Nendi Suhendi, Bambang Mukti Wibawa	Mosfet-Based One Kilovolt Nanosecond Pulse Generator for Ultrasonic Transducer Excitation
14.45 – 15.00	Mahfud Arifin , Rina Devnita, Betty Natalie Fitriatin, Anny Yuniarti, Santi Rosniawaty and Yusup Supriatna	The Value of Some Variable Charge Soil Parameters as Affected by Nanoparticle of Rock Phosphate and Phosphate Solubilizin Bacteria on Typic Hapludand
	Coffee Break	
16.00 – 18.00	Poster Session	
18.30 – 21.00	Banquet for all participant (conference, business talk, business meeting, expo) @ Bale Sawala Voyer	

DAY 1, 8 August 2017

TIME	ROOM C	
	Moderator: Dr. Widiyastuti	
13.30 – 14.00	INV. Dr. drg., Nina Djustiana	
	Synthesis and Characterization of Dental Composite	
	Authors	Title
14.00 – 14.15	Weny Safitri , Iis Nurhasanah, Zaenal Arifin, Agus Subagio, and Tri Windarti	Antioxidant Activity and Dose Enhancement Factor of CeO ₂ Nanoparticles
14.15 -14.30	Revika Rachmaniar , Deby Tristiyanti, Syarif Hamdani, Afifah	Solubility and Dissolution Improvement of Ketoprofen By Emulsification Ionic Gelation
14.30 – 14.45	Nenden Indrayati Anggraeni , Ika Wiani, Saadah Diana Rachman	Bioactivity of Lemongrass (Cymbopogon citratus) and Their Application for Functional Foods
14.45 – 15.00	Madihah , Desak Made Malini, Hana Roviani, Nessa Vidya Rani and Wawan Hermawan	Effect of Andrographolide Powder as Antifeedant against Digestive Enzyme Activity from Plutella xylostella (L.) Larvae Midgut
15.00 - 15.15	Yanwar Faza , Zulia Hasratiningsih, Andrie Harmaji, I Made Joni	Preparation and Characterization of Alumina-Zirconia System through Solution and Solid Phase Mixing Method
	Coffee Break	
16.00 – 18.00	Poster Session	
18.30 – 21.00	Banquet for all participant (conference, business talk, business meeting, expo) @ Bale Sawala Voyer	

DAY 2, 9 August 2017

TIME	PROGRAM
08.30 – 09.00	Plenary Speaker 6: Dr. Nobuhiro Aya, (National Institute of Advanced Industrial Science and Technology (AIST), Japan)
09.00 – 09.30	Plenary Speaker 7: Prof. Dr. Eng. I Made Joni (Physics, Universitas Padjadjaran)
09.30 – 10.00	Plenary Speaker 8: Prof. Tatsushi Matsuyama (Soka University, Japan)
10.00 – 10.30	Coffee Break/Poster Session
10.30 – 11.00	Plenary Speaker 9: Prof. Ajeng Dhiantini (Pharmacy, Universitas Padjadjaran)
11.00 – 11.50	Flash presentation by all the exhibitors
11.50 – 13.00	Lunch Break
13.00 – 15.00	Parallel Session

DAY 2, 9 August 2017

TIME	ROOM A	
	Moderator: Setianto, M.Si	
	Authors	Title
13.00 – 13.30	INV. Dr. Hendri Widiyandari	
	Metal-Oxide Based Photocatalyst Powder Material for Degradation of Organic Pollutant in Water	
13.30 – 13.45	Abrar Ismardi , Melysa and Dani Gustaman Syarif	Green Synthesis and Photocatalytic Characterization of ZnO Nanoparticles
13.45 – 14.00	Tomy Perdana , Eddy Renaldy, Hesty Nurul Utami, Agriani Hermita Sadeli, Mahra Arari H., Tetep Ginanjar, Ajeng Sesy N.P., Fernianda Rahayu H., Sonny Sanjaya	Farmers Behavior on Using NPK Fertilizer In West Java
14.00 – 14.15	Rina Devnita , Nurul Oktaviani, Mahfud Arifin, Betty Natalie Fitriatin, Anny Yuniarti, Rachmat Harryanto and Emma Trinurani Sofyan	Application of Nanoparticle of Rock Phosphate and Biofertilizer in Increasing Some Soil Chemical Characteristics of Variable Charge Soil
14.15 – 14.30	Betty Natalie Fitriatin , Mariska Amalia Setiabudi, Mahfud Arifin, Rina Devnita, Anny Yuniarti, Rachmat Haryanto and Emma Trinurrani Sofyan	P retention and cation exchangeable as affected by nanoparticle of volcanic ash and application of phosphate solubilizing bacteria on Andisol Ciater, West Java, Indonesia
14.30 - 14.45	Widya D. Paramita , Roni Ridwan, I.M.Joni, E.T.Marlina , Ellin Harlia	Activation of Inoculum Microorganism from Dairy Cattle Feces for Lignite Processing Waste
14.45 - 15.15	Coffee Break	
15.15 - 15.30	Summary and Recommendation for 1st ICePTi-2019 (Prof. I Made Joni)	
15.30 - 15.45	CLOSING CEREMONY (DRPMI)	

DAY 2, 9 August 2017

TIME	ROOM B	
	Moderator: Dr. Vanitha	
	Authors	Title
13.00 – 13.15	Marleen Sunyoto, Mohamad Djali, Intan Btari Dwiastuti	The Influence of Full Cream Milk Powder on The Characteristic of Sweet Potato Puree Instant Cream Soup
13.15 – 13.30	Anisha Ayuning Tryas , Danar Praseptianga, Dian Rachmawanti Affandi, Windi Atmaka, Slamet Minardi, Achmad Ridwan	Physical and Chemical Characterization of Composite Flour from Canna Flour (<i>Canna edulis</i>) and Lima Beans Flour (<i>Phaseolus lunatus</i>)
13.30 – 13.45	Nurul Annazhifah , Efri Mardawati, Nandi Sukri, Yana Cahyana	Physicochemical of Xylitol Crystals from OPEFB
13.45 – 14.00	Efri Mardawati , Indira Lanti, Helmi Sugandi	Study of Production Processes Gelatin-Based Bone Fish Mackerel (<i>Scomberomorus commerson</i>) Using Acid Solution
14.00 – 14.15	R. F. Utami , D. Praseptianga, D R Affandi, W Atmaka	Formulation and Physicochemical Characterization of Composite Flour from Yam (<i>Dioscorea alata</i>) and Lima Beans (<i>Phaseolus lunatus</i>)
14.15 – 14.30	Carmelita Astrini , Endah Djuwendah, Tuti Karyan, and Sulistyodewi Nur Wiyono	Agribusiness Performance Of Guava (<i>Psidium Guajava L.</i>) Crystal Variety
14.45 - 15.15	Coffee Break	
15.15 - 15.30	Summary and Recommendation for 1st ICePTi-2019 (Prof. I Made Joni)	
15.30 - 15.45	CLOSING CEREMONY (DRPMI)	

DAY 2, 9 August 2017

TIME	ROOM C	
	Moderator: Dr. Eng. Agus Purwanto	
	Authors	Title
13.00 – 13.30	INV. Widiyastuti	
	The Potential of MnO ₂ and Fe ₃ O ₄ Nanoparticles Prepared by Electrochemical Method for Inexpensive Electrocatalysts	
13.30 – 13.45	Diky Ramdani , Chris J Seal and Abdul Shakoor Chaudhry	Alkaloids and Polyphenols in Green and Black Teas Powders and Their Potential as Additives in Ruminant Diets
13.45 – 14.00	Afifah Iswara Aji , Camellia Panatarani, Danar Praseptianga and I Made Joni	Effect of SiO ₂ Nanoparticles on Optical Transparency and Mechanical Properties of Semi-Refined Iota Carrageenan Film as Food Packaging Material
14.00 – 14.15	Robi Andoyo , Fanny Guyomarc'h, Hervé Tabuteau, Marie-Helene Famelart	New insight on the formation of whey protein microbeads By a microfluidic system
14.15 – 14.30	Mieke Rochimi Setiawati , Maya Damayani, Diyan Herdiyantoro, Pujawati Suryatmana, Derishfa Anggraini, and Fiqriyah Hanum khumairah	The Application Dosage of <i>Azolla pinnata</i> in Fresh and Powder Form as Organic Fertilizer on Soil Chemical Properties, Growth, and Yield of Rice Plant
14.30 - 14.45	Apriliana Eka Saputri , I Made Joni, Camellia Panatarani and Danar Praseptianga	Kappa Carrageenan Based Bio-nanocomposite Film Incorporated with ZnO Nanoparticles and its Mechanical and Solubility Properties
14.45 - 15.15	Coffee Break	
15.15 - 15.30	Summary and Recommendation for 1st ICePTi-2019 (Prof. I Made Joni)	
15.30 - 15.45	CLOSING CEREMONY (DRPMI)	