



CHE 1

Tuesday, July 25, 2017 13.00-15.00

Jasmine Room 3rd fl

Moderator: Agustiono Julys Ph.D

No	Paper #	ID	Author	Title	Affiliation	Time
1	16	CHE1 - 1	Dhena Ria Barleany, Alpin Ilhami, Dea Yusuf Yudanto and Erizal	Degradation Behaviour of Gamma Irradiated Poly(Acrylic Acid)-graft-Chitosan Superabsorbent Hydrogel	Sultan Ageng Tirtayasa University, Indonesia	13.00-13.15
2	27	CHE1 - 2	Nelson Saksono, Trisutanti Budikania, Zainah Alattas and Ibrahim Ibrahim	The Use of Multi-Reactor Cascade Plasma Electrolysis for Linear Alkylbenzene Sulfonate Degradation	Universitas Indonesia, Indonesia	13.15-13.30
3	50	CHE1 - 3	Puguh Setyoprato, Mahmud Sudibandriyo and Praswasti P.D.K. Wulan	Carbon Nanotubes Synthesis in Fluidized Bed Reactor Equipped with a Cyclone	Universitas Indonesia, Indonesia	13.30-13.45
4	156	CHE1 - 4	Nurhayati Abdullah, Fauziah Sulaiman and Aminu Aliyu Safana	An Assessment on The Effect of Torrefaction as a Pretreatment to Improve The Quality of Pyrolysis Products	University of Science, Malaysia	13.45-14.00
5	770	CHE1 - 5	Ilham Putra, Didin Mujahidin and Robby Roswanda	Preparation of Dimetil 9- Oktadekendioate and 9- Oktadecene from Methyl Oleate via Ruthenium-Catalyzed Homo Olefin Metathesis Reaction	Bandung Institute of Technologi, Indonesia	14.00-14.15
6	540	CHE1 - 6	Akhmad Zainal Abidin, Mega Natalia Harjandi, Vincent Wirawan and Sri Mulyani Suharno	Synthesis and Characterization of Methyltrihydroxysilane Water Repellent	Bandung Institute of Technologi, Indonesia	14.15-14.30
7	586	CHE1 - 7	Ahmad Zainal Abidin, Ibrahim Abdulfattah Suryawijaya, Arin Indiarni and Dhyna Analyses Trirahayu	Formulation Optimization and Characterization of Copolymer Acrylamide-(2-Acrylamido-2- Methylpropanesulfonic Acid) For Enhanced Oil Recovery (EOR)	Bandung Institute of Technologi, Indonesia	14.30-14.45
8	818	CHE1-8	Frita Yuliati, Hero Jan Heeres and Francesco Picchioni	Furan-functionalization of Jatropha curcas oil for the synthesis of thermoreversible networks	University Groningen, Netherlands	14.45-15.00



CHE 2A

Tuesday, July 25, 2017 15.15-17.15

Singaraja Room 2nd fl

Moderator: Dr. Anwar Usman

No	Paper #	ID	Author	Title	Affiliation	Time
1	283	CHE2A - 1	Sandyanto Adityosulindro, Laurie Barthe, Henri Delmas and Carine Julcour	Photo-Based Advanced Oxidation Processes for Removal of Pharmaceutical Compound in Water	Universitas Indonesia, Indonesia	15.15-15.30
2	302	CHE2A - 2	Nelson Saksono, Johannes Sasiang and Trisutanti Budikania	Hydrogen Generation by KOH-Ethanol Plasma Electrolysis Using Double Compartment Reactor	Universitas Indonesia, Indonesia	15.30-15.45
3	317	CHE2A - 3	Sutrasno Kartohardjono, Angeline Paramitha, Ryan Andriant and Aulia Andika Putri	Effects of Absorbent Flow rate on CO ₂ Absorption through Super Hydrophobic Hollow Fiber Membrane Contactor	Universitas Indonesia, Indonesia	15.45-16.00
4	320	CHE2A - 4	Sutrasno Kartohardjono, Kevin Alexander, Annisa Larasati and Ivander Christian Sihombing	Effects of Feed Gas Flow rate on CO ₂ Absorption through Super Hydrophobic Hollow Fiber Membrane Contactor	Universitas Indonesia, Indonesia	16.00-16.15
5	329	CHE2A - 5	Meinilwita Yulia and Diding Suhandy	The Feasibility of Using Explicit Method for Linear Correction of the Particle Size Variation Using NIR Spectroscopy Combined with PLS2 Regression Method	Lampung State Polytechnic, Indonesia	16.15-16.30
6	348	CHE2A - 6	Praswasti Pembangun Dyah Kencana Wulan, Sekar Hanun Ulwani, Widodo Wahyu Purwanto, Kamarza Mulia and Hanifia Wulandari	The Effect of Hydrochloric Acid Addition to Increase Carbon Nanotubes Dispersibility as Drug Delivery System by Covalent Functionalization	Universitas Indonesia, Indonesia	16.30-16.45
7	406	CHE2A - 7	Suci Madhania, Anugrah Budi Cahyani, Tantular Nurtono, Yuswan Muharam, Sugeng Winardi and Widodo Purwanto	CFD Study of Mixing Miscible Liquid with High Viscosity Difference in a Stirred Tank	Universitas Indonesia, Indonesia	16.45-17.00
8	755	CHE2A - 8	Yani Faozani Alli, Dadan Damayandri and Yan Irawan	The Effect of Anionic and Nonionic Co-Surfactant for Improving Solubility of Polyoxy-Based Surfactant for Chemical Flooding	Research and Development Centre For Oil and Gas Technology, Indonesia	17.00-17.15



CHE 2B

Tuesday, July 25, 2017 15.15-17.15

Jasmine Room 3rd fl

Moderator Dr. Khairul

No	Paper #	ID	Author	Title	Affiliation	Time
1	787	CHE2B - 1	Anies Mutiari and Pramujo Widiyatmoko	Development Method of Making Dye Sensitized Solar Cell (DSSC) using Carbon as Counter Electrode	Center for Material and Technical Product Ministry of Industry of Indonesia, Indonesia	15.15-15.30
2	774	CHE2B - 2	Astrini Pradyasti, Adinda Sofura Azhariyah and Setijo Bismo	Characterisation of Activated Carbon as a Support to Zinc Oxide Catalyst for Ozone Decomposition in Effluent Gas Emission	Universitas Indonesia, Indonesia	15.30-15.45
3	824	CHE2B - 3	Yenny Meliana, Melati Septiyanti, Feni Amriani, Syahrul Aiman, Veny Luvita and Savitri Savitri	Emulsion Stability of Fungicide from Eugenol and Citronellal Oil in 350 EC Formulation	Indonesian Institute of Sciences, Indonesia	15.45-16.00
4	825	CHE2B - 4	Is Fatimah, Lusi Sophia, Andita Ainun Naafi, Dikha Utami Trisnawati and Sim Yoke Leng	Study on Physicochemical Evolution of Silica in the Preparation of TiO ₂ -SiO ₂ Aerogel From Bamboo Leaves for Dye Photooxidation Application	Islamic University of Indonesia, Indonesia	16.00-16.15
5	833	CHE2B - 5	Hendra Wijaksana, Nengah Suarnadwipa and Ketut Astawa	The Investigation of Influence Ammonia Concentration Variations to The Performances of Ammonia-Aqua Absorption Refrigeration System	Udayana University, Indonesia	16.15-16.30
6	834	CHE2B - 6	Mui Nyuk Chai, M. M. Chai and M. I. N. Isa	Mechanical Properties Of Carboxymethyl Cellulose-Oleic Acid Solid Biopolymer Electrolyte	University of Malaysia, Terengganu, Malaysia	16.30-16.45
7	802	CHE2B - 7	Lies Aisyah, Cahyo Setyo Wibowo, Sylvia Ayu Bethari, Dziki Ufidian Alwi and Riesta Anggarani	Monoglyceride Contents in Biodiesel from Various Plants Oil and The Effect to Low Temperature Properties	Research and Development Centre For Oil and Gas Technology, Indonesia	16.45-17.00



CHE Plenary

Wednesday, July 26, 2017 08.00-08.30

Jasmine Room 3rd fl

Invited speaker : Prof. Volkan Degirmenci (Warwick University), UK
 Biomass utilization: Glucose Isomeration in ionic liquids and development of heterogeneous catalyst

Moderator: Dr. Eny Kusrini

CHE Plenary

Wednesday, July 26, 2017 08.00-08.30

Hibiscus Room 1st fl

Invited speaker : Prof. Joe Diniz da Costa (University of Queensland), Australia
 The Brave New World of Scientific Publication

Moderator: Prof. Sutrasno Kartoharjo

CHE 3A

Wednesday, July 26, 2017 08.30-10.00

Jasmine Room 3rd fl

No	Paper #	ID	Author	Title	Affiliation	Time
1	607	CHE3A - 1	Tine Aprianti	Ferrous and Aluminium Cations Removal in Acid Mine Drainage Using Powdered Activated Carbon Ceramic Adsorbent	Sriwijaya University, Indonesia	08.30-08.45
2	615	CHE3A - 2	Teguh Ariyanto, Gui-Rong Zhang, Andreas Kern and Bastian Jm Etzold	Preparation of Hollow Mesoporous Carbon Spheres and Their Performances for Electrochemical Applications	Gadjah Mada University, Indonesia	08.45-09.00
3	618	CHE3A - 3	Hery Sutanto, Luthfiah Ainny, Lukman Kuntaji, Bambang Heru Susanto and Mohammad Nasikin	Reaction Product of Pyrogallol with Methyl Linoleate and its Antioxidant Potential for Biodiesel	Universitas Indonesia, Indonesia	09.00-09.15
4	619	CHE3A - 4	Teguh Ariyanto, Abby Vente, Rochim Bakti Cahyono, Stijn Mattheij, Ria Millati, Sarto and Siti Syamsiah	Utilization of Fruit Waste as Biogas Plant Feed and its Superiority Compared to Landfill	Gadjah Mada University, Indonesia	09.15-09.30



5	657	CHE3A - 5	Govinda Aris Saputra, Chandra Purnomo and Hary Sulisty	The Study of Waste Plastic Pyrolysis using Natural Zeolite-Bentonite Catalyst	Gajah Mada University, Indonesia	09.30-09.45
6	903	CHE3A - 6	Yuswan Muharam, Lisa Marie Zulkarnain and Andrey Sapati Wirya	Modeling of a Reactor-Distillation Column-Recycle System to Produce Dimethyl Ether through Methanol Dehydration	Universitas Indonesia, Indonesia	09.45-10.00

CHE 3B

Wednesday, July 26, 2017 08.30-10.00

Hibiscus Room 1st fl

No	Paper #	ID	Author	Title	Affiliation	Time
1	837	CHE3B - 1	Ratih Luhuring Tyas, Geni Rina Sunaryo and Heri Hermansyah	Hazard Identification of Primary Cooling System G.A Siwabessy Reactor	National Nuclear Energy Agency, Indonesia	08.30-08.45
2	931	CHE3B - 2	Abdul Wahid and Ferdi Fajrian Adicandra	OPTIMIZATION OF LNG REGASIFICATION PLANT USING MODEL PREDICTIVE CONTROL	Universitas Indonesia, Indonesia	08.45-09.00
3	846	CHE3B - 3	Aji Agraning Bawono and Eny Kusriani	Model of Formula and Price for Natural Gas through Pipeline for Household with Investment Scenario in Indonesia	Universitas Indonesia, indonesia	09.00-09.15
4	849	CHE3B - 4	Agustino Zulys, Fajar Prihatno, Afip Jaya Saputra and Sri Listyarini	Extraction of Nickel from Laterite using Phytic Acid and Salicylaldoxime	Universitas Indonesia, indonesia	09.15-09.30
5	850	CHE3B - 5	Ahmad Fadli, Amun Amri, Esty Octiana Sari, Iwantono Iwantono and Arisman Adnan	Crystal-Growth Kinetics of Magnetite (Fe ₃ O ₄) Nanoparticles Using Ostwald Ripening Model	Riau University, Indonesia	09.30-09.45



CHE 4

Wednesday, July 26, 2017 10.15-12.00

Jasmine Room 3rd fl

Moderator: Dr. Bambang Heru Susanto

No	Paper #	ID	Author	Title	Affiliation	Time
1	909	CHE4 - 1	Dewi Trisnantini and Clarissa Ancella	Diuretic Effect of Jamu Antiatherosclerosis by in Vivo Testing on Male Rats	Universitas Indonesia, Indonesia	10.15-10.30
2	407	CHE4 - 3	Cipta Panghegar Supriadi, Evvy Kartini, Wagiyong Honggowiranto and Kris Tri Basuki	Synthesis and Characterization of Carbon Material Obtained from Coconut Coir Dust by Hydrothermal and Pyrolysis	Polytechnic Institute of Nuclear Technology, Indonesia	10.30-10.45
3	623	CHE4 - 4	Agus Haryono and Sri Budi Harmami	Ionic Interaction Between Polystyrene Sulfonate and Cetyltrimethylammonium Bromide in Aqueous Solution	Indonesian Institute of Sciences, Indonesia	10.45- 11.00
4	686	CHE4 - 5	Fredina Destyorini, Indriyati Indriyati, Nanik Indayaningsih, Bambang Prihandoko and Anne Zulfia Syahrial	Properties of Carbon Composite Paper Derived from Coconut Coir as a Function of Polytetrafluoroethylene Content	Indonesian Institute of Sciences, Indonesia	11.00-11.15
5	463	CHE4 - 6	Ria Desiriani, Made Tri Ari Penia Kresnowati and I Gede Wenten	Membrane-Based Downstream Processing of Microbial Xylitol Production	Bandung Institute of Technology, Indonesia	11.15-11.30
6	739	CHE4 - 7	Elly Desni Rahman and Ellyta Sari	Determination of condition for Extraction Process Catechin From Gambier (<i>Uncaria Gambier Roxb</i>) Solok Bio Bio Lima Puluh Kota	Gadjah Mada University, Indonesia	11.30-11.45



CHE 5						
Wednesday, July 26, 2017 14.00-15.30						
Jasmine Room 3rd fl						
Moderator : Prof. Dr. Nelson Saksono						
No	Paper #	ID	Author	Title	Affiliation	Time
1.	915	CHE5 - 1	Chandra Wahyu Purnomo	Improvement of Cement Plant Dust Emission by Bag Filter System	Gajah Mada University, Indonesia	14.00-14.15
2	874	CHE5 - 2	S N Putri and M Sudibandriyo	Hydrogen Recovery from Hydrogen-Methane Gas Mixture Utilized by Palm Shell Based Bioadsorbent Activated Carbon	Universitas Indonesia, Indonesia	14.15-14.30
3	875	CHE5 - 3	F Moulydia, N Salsabila, R K Dewi, A Nirmala and S Bismo	Burn Drug Made from Ozonated Vegetable Oil Mixture with White Tumeric and Cassava Leaves Extract	Universitas Indonesia, Indonesia	14.30-14.45
4	894	CHE5 - 4	Tine Aprianti, Selvia Apriyanti, Rachma Apriani and Sisnayati	Studies on Biosorbent Adsorption Capacity of Sargassum Sp Combined with Clay for Hexavalent Chromium Removal in Wastewater	Sriwijaya University, Indonesia	14.45-15.00
5	895	CHE5 - 5	Suherman Suherman, Nadia Fridasaniya Azaria and Shelma Karami	Performance Study of Fluidized Bed Dryer with Immersed Heater for Paddy Drying	Diponegoro University, Indonesia	15.00-15.15
6	866	CHE5 - 6	A G Dianty, A R S Harahap, C Harfian and S Bismo	Wet Impregnation of Silver Oxide on Lampung Natural Zeolite as an Adsorbent to Produce Oxygen-Enriched Air Using Psa Technique	Universitas Indonesia, Indonesia	15.15-15.30



CHE 6

Wednesday, July 26, 2017 15.45-18.00

Jasmine Room 3rd fl

Moderator : Prof. Dr. Widodo Wahyu Purwanto

No	Paper #	ID	Author	Title	Affiliation	Time
1	658	CHE6A - 1	Ferdianta Sembiring, Suryo Purwono and Chandra Purnomo	Catalytic Pyrolysis of Waste Plastic Mixture	Gadjah Mada University, Indonesia	15.45-16.00
2	662	CHE6A - 2	Ellyta Sari, Pasymi, and Umar Khatib	Studies of Carbonization Process on The Production of Durian Peel Biobriquettes with Mixed Biomass Coconut and Palm Shells	Bung Hatta University, Indonesia	16.00-16.15
3	795	CHE6A - 3	Witri Wahyu Lestari, Riandy Putra and Bambang Heru Susanto	Green Diesel Production from Palm Oil using Klaten's Natural Zeolite Modified with Fe Metal Nanoparticle as Heterogeneous Catalyst	Sebelas Maret University, Indonesia	16.15-16.30
4	511	CHE6A - 4	Briantono Djakaria, Tjandra Setiadi and M.T. A. P Kresnowati	Evaluation of Tray Bioreactor to Upscale Xylanase Production using Solid State Fermentation of Oil Palm Empty Fruit Bunches (OPEFB) by <i>Aspergillus Fumigatus</i>	Bandung Institute of Technology, Indonesia	16.30-16.45
5	723	CHE6A - 5	Sri Ismiyati Damayanti, Simparmin Br Ginting, Amelia Virgiyani Sofyan, Alip Tania Putri and Wiratni Budhijanto	Utilization of Lampung Natural Zeolite as Immobilization Media on Biogas Production from Palm Oil Mill Effluent (POME)	Gadjah Mada University, Indonesia	16.45-17.00
6	730	CHE6A - 6	Yan Irawan, Ika Juliana, Yani Faozani Alli and Indri Badria Adilina	Aqueous Stability Studies of Polyethylene Glycol and Oleic Acid Based Anionic Surfactants for Application in Enhanced Oil Recovery through Dynamic Light Scattering Technique	Indonesian Institute of Sciences, Indonesia	17.00-17.15