



## Conference Program – Poster Presentation Schedule

10<sup>th</sup> Floor – Ta Quang Buu Library

### Session 1: Chemical Process and Engineering (CPE)

Order	Code	ID	Title	Presenter		Organization
1	CPE - Poster 1	76	Effect of Impurities in Crude Glycerol on Glycerol Carbonate (GC) Synthesis	Wai	Keng Teng	University of Malaya, Malaysia
2	CPE - Poster 2	148	Research on simulation separation various components process in turpentine oil distillation column	Minh	Phung Thi Anh	Hanoi University of Science and Technology, Vietnam
3	CPE - Poster 3	149	Experimental and simulation for vapor – liquid equilibrium of turpentine oil system	Kien	Tran Trung	Hanoi University of Science and Technology, Vietnam
4	CPE - Poster 4	58	Nghiên cứu tổng hợp vật liệu MOF MIL-100(Fe) ở điều kiện áp suất và nhiệt độ thấp	Tuan	Tran Dinh	Military Academy of Science and Technology
5	CPE - Poster 5	275	Nghiên cứu quá trình agglomerate quặng Urani nghèo	Lien	Than Van	Institute for technology of radioactive and rare elements, Vietnam



## Session 2: Catalysis Adsorption and Environmental Engineering (CAT & ENG)

Order	Code	ID	Title	Presenter	Organization
1	CAT-Poster 1	60	Fabrication of Metal-Organic Framework MOF-199 by a reflux process	Phuong Nguyen Thi Hoai	Institute of Chemistry and Materials
2	CAT-Poster 2	104	Synthetic and photocatalytic activities of nano perovskite SrTi <sub>1-x</sub> VxO <sub>3</sub> under visible light irradiation	Que-Phuong Phan	Ho Chi Minh City University of Technology, Vietnam
3	CAT-Poster 3	108	Photocatalytic removal of NO <sub>x</sub> using TiO <sub>2</sub> powder synthesized by electrochemical exfoliation method	Huong Do Tra	Thai Nguyen University of Education, Thai Nguyen University, Vietnam
4	CAT-Poster 4	119	Evidences of the Proton Coupled Electron Transfer Reaction between Coumarin-343 and Tyrosine on ZrO <sub>2</sub> Films	Truong Nguyen Xuan	Hanoi University of Science and Technology, Vietnam
5	CAT-Poster 5	208	Study on Monochlorobenzene Adsorption of Different Types of Activated Carbon	Nam Chu Thi Hai	Hanoi University of Science and Technology, Vietnam
6	CAT-Poster 6	234	The influence of support on the catalytic activity of Rh- TPPTS supported ionic liquid phase (SILP) catalysts for the hydroformylation of ethylene	Thang Le Minh	Hanoi University of Science and Technology, Vietnam
7	CAT-Poster 7	210	Synthesis of Glycerol Tert-Butyl Ethers Using Amberlyst 36 as a Catalyst	Quyên Luong Xuan	Hanoi University of Science and Technology, Vietnam
8	CAT-Poster 8	165	A Study on the Synthesis of Catalyst for Phenol Oxidation Reaction from Diatomite of Phu Yen Province	Thien Tran Vinh	Phu Yen University, Vietnam
9	ENV-Poster1	43	Preparation of silver nanoparticles/zeolite materials for production of antibacterial ceramic candle water filters	Lien Pham Thuy	University of Industry in Ho Chi Minh City
10	ENV-Poster2	67	Synthesis grapheme on ZnO substrate by CVD methods application for photocatalytic materials	Tuong Nguyen Manh	Insitute for Chemistry – Material, Academy of



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11	ENV-Poster3	111	Adsorption of methylene blue from aqueous solution using KOH-modified waste tea leaves	Thanh Dang Van	College of Medicine and Pharmacy, Thai Nguyen University
12	ENV-Poster4	113	Preparation of Metal-Binding Membrane containing Montmorillonite for Diffusive Gradient in Thin Film Probe (DGT)	Huong La Bich	Environmental Police Division - Police of Hai Phong city
13	ENV-Poster5	251	Artificial neural network in monitoring water quality of Dankia Lake DaLat using LANDSAT image data	Tat Pham Van	University of Hoa Sen, Ho Chi Minh City
14	ENV-Poster6	110	Determination of tin in air-borne particle samples in weld working zones by graphite furnace atomic absorption spectrometry (GF-AAS)	Binh Chu Dinh	Hanoi University of Science and Technology, Vietnam
15	ENV-Poster7	174	Greenhouse Gas Emissions from Anaerobic Digestion Plants	Phong Nguyen Thanh	Hoa Sen University
16	ENV-Poster8	55	Decoloration and degradation of textile dye by gamma Co-60 irradiation method	Huy Luan Nhat	Institute of Science Engineering and Environmental Management, Ho Chi Minh City University of Industry

### Session 3: Natural Products and Organic Chemistry (NAT)

Order	Code	ID	Title	Presenter	Organization
1	NAT-Poster 1	34	Optimized Microwave-Assisted Extraction Of Total Phenolic Content and Antioxidant Capacity From Polygonum Multiflorum Thunb. Roots	Quoc Le Pham Tan	College of Agriculture and Applied Biology, Can Tho University
2	NAT-Poster 2	84	Research on the influence of the extracted temperature and time from the fruce of diospyros mollis on the colour strength and the fastness properties of cotton, silk and polyamide	Phuong Pham Thi Hong	Industrial University of Ho Chi Minh City
3	NAT-Poster 3	85	Investigate the influence of light and oxidizing agents on the ability of colour fixation for the silk dyeing with solution extracted of mangosteen pericarp	Linh Hoang Thi	Hung Yen University of Technology and Education
4	NAT-Poster 4	90	Prediction of anticancer activities of luteolin and daizin in leaf of plants Perilla Ocymoides L and Glucine max L using 2D, 3D descriptors	Tat Pham Van	Faculty of Science and Technology, University of Hoa Sen, Ho Chi Minh City
5	NAT-Poster 5	168	Three Biscembranoids Isolated from the Vietnamese Soft Coral Sarcophyton pauciplicatum	Tung Pham The	Institute of Marine Biochemistry
6	NAT-Poster 6	169	Chemical constituents of some medicinal plants of the family asteraceae of Vietnam	Minh Giang Phan	Vietnam National University
7	NAT-Poster 7	188	Study on quantitative analysis of Xanthones from mangosteen pericarp extract using LC-MS technique	Trung Nguyen Thanh	Hanoi University of Science and Technology, Vietnam
8	NAT-Poster 8	191	Study on extraction and initial determination of chemical composition of tamarind seed polysaccharide (TSP)	Tan Bui Ngoc	Hanoi University of Science and Technology, Vietnam
9	NAT-Poster 9	192	Spirostanol saponins from Tacca vietnamensis	Yen Pham Hai	Institute of Marine Biochemistry, VAST
10	NAT-Poster 10	194	Phenolic glycosides from the leaves of Brugmansia suaveolens	Anh Hoang Le Tuan	Institute of Marine Biochemistry, VAST

11	NAT-Poster 11	<b>195</b>	Chemical constituents from the n-hexane extract of <i>Eucommia ulmoides</i> Oliver	Hung	Nguyen Van	Institute of Marine Biochemistry, VAST
12	NAT-Poster 12	<b>196</b>	Lignan glucosides from <i>Eucommia ulmoides</i> Oliver	Hang	Nguyen Thi Minh	Institute of Marine Biochemistry, VAST
13	NAT-Poster 13	<b>198</b>	Chemical composition and antioxydant activity of polysaccharide were extracted from some green seaweed	Trung	Vo Thanh	Nha Trang Institute of Technology Research and Application
14	NAT-Poster 14	<b>228</b>	Antioxidant And Antifungal Activities Of Methanol Extracts Of Lichen Species Isolated In Viet Nam	Minh-Hiep	Dinh	Management Board of Agricultural Hi-Tech Park HCMC, Viet Nam
15	NAT-Poster 15	<b>268</b>	Phenolic compounds isolated from the leaves of <i>Excoecaria agallocha</i> L. (Euphorbiaceae)	Minh	Tran thi	Hanoi University of Science and Technology, Vietnam
16	NAT-Poster 16	<b>280</b>	Synthesis of novel 10-aminoartemisinin analogues	Vu	Tran Khac	Hanoi University of Science and Technology, Vietnam
17	NAT-Poster 17	<b>74</b>	Synthesis of suitable precursors, phosphite ligands and catalysts based on gossypol from Vietnamese cotton seed	Amely	Symank	Leibniz Institute for Catalysis, Germany



#### Session 4: Food and Biotechnology (BIO)

Order	Code	ID	Title	Author	Organization
1	BIO-Poster 1	68	Reduction of Membrane Fouling during Separating Distiller Wet Grains from Whole Stillage of Rice-Based Ethanol Distillery	Uan Do Khac	Hanoi University of Science and Technology
2	BIO-Poster 2	82	Selection yeast for ethanol fermentation from green seaweed Chaetomorpha linum hydrolysis solution	Trung Vo Thanh	Nha Trang Institute of Technology Research and Application, VAST
3	BIO-Poster 3	117	Scale-Up of Microwave-Assisted Extraction of Bioactive Compounds from Plants based on Energy-Based Parameters	Gek Cheng Nghoh	University of Malaya
4	BIO-Poster 4	216	Evaluation of a Low Cost Method for Gene Synthesis	Dung Pham Tien	Hanoi University of Science and Technology
5	BIO-Poster 5	247	Potential use of organic acids for inhibition of fungi isolated from Ninh Thuan grapes	Phu-Ha Ho	Hanoi University of Science and Technology
6	BIO-Poster 6	267	extraction optimization of antioxidants from Mimosa Pudica L.	Thoa Nguyen Thi Le	Danang University of Science and Technology
7	BIO-Poster 7	256	Vietnamese consumer preference – oriented predictive model of tea bag products	Dung Nguyen Hoang	Ho Chi Minh University of Technology
8	BIO-Poster 8	105	Research process and equipment of dehumidified from less heat resistant fluids in atmospheric and low temperatures conditions	He Nguyen Minh	Hanoi University of Science and Technology
9	BIO-Poster 9	96	Building a procedure for adding green tea powder in fresh noodles making process	Sinh Nguyen Quoc	Hue university, Vietnam

### Session 5: Biofuel, Energy (ENG) and Advanced Materials (MAT)

Order	Code	ID	Title	Presenter	Organization
1	ENG-Poster 1	36	Study on the treatment of prawn aquaculture wastewater by selected microalgae combining biomass recovery for biodiesel production	Nam Trinh Ngoc	Industrial University of HoChiMinh City
2	ENG-Poster 2	128	Photocatalytic Hydrogen Generation over Ni/La-NaTaO <sub>3</sub> from Saltwater in the Presence of Glucose as Electron Donor	Husni Husin	Syiah Kuala University, Indonesia
3	ENG-Poster 3	124	Fabrication and Properties of the Biomass Cokes from the Waste Cashew Nut Shell (WCNS)	Kien Kieu Do Trung	Ho Chi Minh City University of Technology
4	ENG-Poster 4	248	Thermal decomposition of the waste for fuel oil production	Tho Van Dinh Son	Hanoi University of Science and Technology, Vietnam
5	ENG-Poster 5	240	Thermogravimetric analysis and kinetic study of acacia wood pyrolysis and combustion	Viet Dinh Quoc	Hanoi University of Science and Technology, Vietnam
6	PLM-Poster 1	61	Synthesis and Characterization of Asymmetric Polietersulfone (PES) Ultrafiltration Membrane for Glycerol Separation from Biodiesel by Ultrafiltration Process	Sri Mulyati	Syiah Kuala University, Indonesia
7	PLM-Poster 2	156	Study on corrosion resistance properties of shellac-rust modified coating on steel substrate of dose tube artillery shells	Thanh Vu Minh	Institute of Material Chemistry, Vietnam Academy of Military Science and Technology
8	PLM-Poster 3	158	Study on factors influencing the synthesis of polyaspartic acid (PAA)	Hao Nguyen Huong	Viet nam Institute of Industrial Chemistry
9	PLM-Poster 4	159	Structural and properties characteristics of polyaspartic acid materials (PAA)	Trinh Pham The	Viet nam Institute of Industrial Chemistry
10	PLM-Poster 5	166	A Solid-State NMR Study of Molecular Mobility and Resulting Deformation and Fracture Behaviour of Polypropylene Filled Glass Beads	Dung Nguyen Viet	Institute of Materials Science, Vietnam Academy of Science and

			Composites		Technology
11	PLM-Poster 6	245	Characterization of structure of partially hydrogenated natural rubber through NMR spectroscopy	Ha	Nguyen Thu Hanoi University of Science and Technology, Vietnam
12	PLM-Poster 7	62	Synthesis and Characterization of Biarmed Poly(ethylene glycol)-Dexamethasone Conjugates for Intracellular Targeted Drug Delivery	Kang Moo	Huh Chungnam National University
13	MAT-Poster 1	65	Synthesis and function nano grapheme applications for lubricating oil additives	Van	Nguyen Huu Insitute of Chemistry – Material, Academy of Military Science and Technology
14	MAT-Poster 2	126	Photoluminescent properties of Y2O3:Eu phosphors prepared by different methods	Anh	Trinh Xuan Hanoi University of Science and Technology, Vietnam
15	MAT-Poster 3	155	Effects of resin content and preparing conditions on physical and mechanical properties of carbon-carbon composite	Anh	Pham Tuan Institute of Material Chemistry, Vietnam Academy of Military Science and Technology
16	MAT-Poster 4	185	Investigation on the partial oxidation of methane to syngas using Ba0.5Sr0.5Co0.8Fe0.2O3-δ prepared by stearic acid method	Kieu-Oanh	Pham Ho Chi Minh City University of Technology
17	MAT-Poster 5	205	High Fluoride Releasing Capability of Glass Ionomer Cement Used in Dentistry	Huynh	Nguyen Ngoc Tri Ho Chi Minh City University of Technology
18	MAT-Poster 6	172	Synthesis five-fold twinned core-shell Pt <sub>3</sub> Ni@Rh nanostar for high catalytic activity	Khi	Nguyen Tien VietTri University of Industry, Vietnam
19	MAT-Poster 7	242	Study on the electrochemical behavior of TCNQF4 (2,3,5,6-Tetrafloro-7,7,8,8-Tetracyanoquinondimethane) and the electrochemical synthesis of CuTCNQF4	Duc	Tran Manh Danang University, Vietnam
20	MAT-Poster 8	22	Removal of Uranium from aqueous solution	Dat	Tran Quang Le Quy Don Technical





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			using NiFe <sub>2</sub> O <sub>4</sub> superparamagnetic nanoparticles		University, Vietnam
21	MAT-Poster 9	209	The Effect of Nd <sub>2</sub> O <sub>3</sub> on The Crystallization and Properties of Lithium Disilicate Glass Ceramic in The Li <sub>2</sub> O-K <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -P <sub>2</sub> O <sub>5</sub> System	Minh Do Quang	Ho Chi Minh city University of Technology, Vietnam