

## LIST OF PARALLEL SPEAKERS

### Chemistry and Chemistry Education

<b>CE</b>	
<b>Monday, 16 May 2016 – Room D07.309</b>	
<b>Chair Person : Dewi Yuanita</b>	
<b>CE.01</b>	Deplovement Of Interactive Student Worksheet Of Chemistry Learning In Senior High School (SMA) <i>Muharram, Adnan, Muhammad Anwar</i>
<b>CE.02</b>	Increasing Effectiveness Of Number Head Together (NHT) Model Through Integration Of Multiple Intelligences Theory In Chemistry Lesson <i>Atiek Winarti</i>
<b>CE.03</b>	The Development of Contextual Collaborative Learning Model for Chemical Bonding Course <i>Gani Purwiandono, Is Fatimah, Salmahaminati, Mai Anugrahwati</i>
<b>CE.04</b>	Construction of Chemistry Teaching Material Using Organic-LED (OLED) Context for High School Students <i>Indah Rizki Anugrah</i>
<b>CE.05</b>	Chemistry Teachers' Ability in Measuring Analytical Thinking and Science Process Skills <i>Irwanto, Eli Rohaeti</i>
<b>CE.06</b>	The Awareness of Students' Achievement and Social Maturity on Chemistry Learning through the Assistance of Local Wisdom Videos <i>Jaslin Ikhsan, Sulistiana Febriawati</i>
<b>CE.07</b>	Paper Indicator Of Wora-Wari Flowers (Hibiscus rosa-sinensis L.) <i>Siti Nuryanti</i>
<b>CE.08</b>	Enhancement of Wastewater Treatment from Chemical Laboratory Using Subsurface Bubble of Air Generator <i>Rudy Syah Putra, Viola Bestari Ayu Sabrina Putri, Apri Rahmani Miftahul Hidayah, Dian Nurmala Sari, Andhika Ghia Prayojana, Agung Prayudia Maulana</i>
<b>CE.09</b>	Indonesian Natural Zeolites as potential Adsorbent in Waste Cooking Oil Regeneration <i>Dewi Yuanita Lestari, Dyah Purwaningsih, Antuni Wiyarsi</i>
<b>C1</b>	
<b>Monday, 16 May 2016 – Room D07.310</b>	
<b>Chair Person :Eli Rohaeti</b>	
<b>C1.01</b>	Chitosan-Key Lime Film for Food Preservation <i>Azlan Kamari, Al Luqman Abdul Halim, Helwa Fathi Hadzri, Nor Haida Mohamad Yahaya</i>
<b>C1.02</b>	Development of Cynamalacetone synthesis Methode Based on Green Chemistry Approach <i>Sri Handayani</i>
<b>C1.03</b>	Synthesis and Characterisation of an Amphiphilic Chitosan Derivative as a Carrier Agent for Rotenone <i>Siti Najiah Mohd Yusoff, Azlan Kamari</i>
<b>C1.04</b>	Synthesis of in-house PEDOT/PSS dispersion and its performance on OPV device <i>Anang WM Diah</i>
<b>C1.05</b>	Review of the Molecularly Imprinted Hydrogel in Chemical Analysis <i>Annisa Fillaeli</i>
<b>C1.06</b>	QSAR Study Of Antimalaria Of Xanthone Derivatives Using Multiple

	Linear Regression Methods <i>Dhina Fitriastuti, Jumina, Iqmal Tahir and Priatmoko</i>
<b>C1.07</b>	Compound Analysis Of Kembang Bulan ( <i>Tithoniadiversifolia</i> ) Leaves <i>Amanatie</i>
<b>C1.08</b>	Compound Polyphenol from Cacao Bean By Fermentation Process and Using Cacao Waste as Raw Chemicals. <i>Mohammad Wijaya</i>
<b>C1.09</b>	Modification Of Lac Insect Secretion By Using Adipic Acid As Matrix In Preparation Of Biocomposite <i>Eli Rohaeti Mujiyono Rochmadi</i>

## C2

**Tuesday, 17 May 2016 - Room D07.309**

**Chair Person : Dyah Purwaningsih**

<b>C2.01</b>	Comparative Study On The Impact Of Synthesis Route To The Photocatalytic Activity Of ZnO-SiO <sub>2</sub> From Rice Husk Ash <i>Is Fatimah</i>
<b>C2.02</b>	Modified Amphiphilic Chitosan as a Promising Carrier Agent for Water Insoluble Pesticide <i>Nurul Farhana Ahmad Aljafree, Azlan Kamari</i>
<b>C2.03</b>	Development of Biopolymer Film Based on Chitosan and Ascorbic Acid for Food Preservation <i>Al Luqman Abdul Halim, Azlan Kamari</i>
<b>C2.04</b>	Preliminary Study of Benzenesulfonylhydrazone Metal Complexes For Determination Formaldehyde In Aqueous Solution <i>Ahmad Nur Faiz Abu Bakar, Wan Rusmawati Wan Mahamod, Saripah Salbiah Syed Abdul Azziz, Norlaili Abu Bakar, Yusnita Juahir, Nurul Hana Balqis Baharom</i>
<b>C2.05</b>	Development of LiMn <sub>2</sub> O <sub>4</sub> Cathode Materials for Lithium Battery <i>Dyah Purwaningsih</i>
<b>C2.06</b>	Preparation And Characterization Of Cobalt Oxide Supported Tin Oxide (CoO <sub>x</sub> @SnO <sub>2</sub> ) As Photocatalysts <i>Etifebriani, A.K. Prodjosantoso, CahyoriniKusumawardani</i>
<b>C2.07</b>	Effect of Existence Zn <sup>2+</sup> and Cu <sup>2+</sup> Ions on Extraction Efficiency of Gold(III) Using Polyethylene Glycol <i>Gatut Ari Wardani, Sri Juara Santosa, Indriana Kartini</i>
<b>C2.08</b>	Removal Characteristics of Silver with Eelectokinetic by Adsorption on Soil Mineral from Kotagede Yogyakarta <i>Rudy Syah Putra, Sigit Budiarjo, Nefri Yandi</i>
<b>C2.09</b>	In Vivo Investigation of Antidiabetic Drugs and Supplements : A Review <i>Kun Sri Budiasih</i>

## C3

**Tuesday, 17 May 2016 - Room D07.310**

**Chair Person : Retno Arianingrum**

<b>C3.01</b>	Development Of Potential Kunci Pepet ( <i>Kaempferia rotunda</i> ) Rhizoma Plant As Antioxidant <i>Sri Atun, Arista Sundari</i>
<b>C3.02</b>	Synthesis and Characterization of -3-(4-Methoxyphenyl)propionic Acid - Zinc Hydroxide Nitrate Nanocomposite <i>Zuhailimuna Muda, Norhayati Hashim, Illyas Md Isa, and Noorshida Mohd Ali</i>
<b>C3.03</b>	Synthesis And Characterisation Of Zinc/Aluminium-Layered Double Hydroxide-Quinclorac Nanohybrid <i>Sharifah Norain Mohd Sharif, Norhayati Hashim, Mohd Zobir Hussein and Mazidah Mamat</i>

<b>C3.04</b>	Chitosan Functionalised Graphene Oxide Nanocomposite as Water-solubilising Agent in pesticide formulation <i>mohd sahli bin muda, Azlan Kamari</i>
<b>C3.05</b>	An Investigation of Insect Ovipositing Repellent Activity of <i>Andrographis paniculata</i> Ness Leaf Extracts to <i>Batrocera carambolae</i> <i>Nurchahyo Iman Prakoso, Mila Tria Nita, and Suputa</i>
<b>C3.06</b>	Cell Cycle Regulation and Therapeutic Targets in Cancer <i>Retno Arianingrum</i>
<b>C3.07</b>	Isolation of Prenylated Flavone from the Bark of <i>Artocarpus Elasticus</i> Alor Island – Nusa Tenggara Timur <i>Rosalina Y. Kurang, Taslim Ersam</i>
<b>C3.08</b>	Phytochemical and Antibacterial Activity Test of Secondary Metabolite Compound in <i>Rhizophora mucronata</i> Methanol Leaf Extract <i>Ernawati, Ita Hasmila</i>
<b>C3.09</b>	Synthesis 1-Propanol from Propanoic Acid <i>Salmahaminati Jumina</i>