OPENING CEREMONY

SCHEDULE OF EVENTS

OPENING CEREMONY

13 April 2016 (Wednesday) • 9.00 – 10.30 A.M.

Venue: **Corporate Ballroom**

Entrance March	Officers, Chemistry Professional Organizations Exhibitors and Sponsors Keynote Speaker and Plenary Speakers Chair & Members, National Organizing Committee Chair & Members, Local Organizing Committee
Entrance of Colors	The University of San Agustin ROTC
Doxology	Mr. Justin Brian V. Chiongson
The Philippine National Anthem	
Welcome Remarks	Dr. Ilda G. Borlongan *Chair, Local Organizing Committee* *President, ICP Panay Chapter* Dr. Armando M. Guidote, Jr. *President* *Philippine Federation of Chemistry Societies*
Opening Address	Dr. Christina A. Binag *Chair, National Organizing Committee* *Vice President, KKP National*
Recognition of Host Universities & Awarding of Winners	Dr. Glenn V. Alea *Overall Coordinator*
6th National Children On-the-Spot Chemistry Poster Making Competition Theme: Chemistry in the Life of a Nation	
Introduction of the Keynote Speaker	Dr. Christina A. Binag *Chair, National Organizing Committee*

Keynote Talk

Selected Research Studies On Rice Chemistry Beyond Borders

Dr. Bienvenido O. Juliano
National Scientist
National Academy of Science and Technology

Ms. Kathleen Mae T. Gaspalinao & Mr. Norwell Brian C. Bautista
Masters of Ceremony

REGISTRATION - PLENARY 1

SCHEDULE OF EVENTS

13 APRIL 2016

8:00-9:00	**REGISTRATION**
9:00-10:30	**OPENING CEREMONY**
10:30-10:50	**OPENING OF *EXHIBITS*** *Venue:* **Casa Real** • Cutting of ribbon Dr. Bienvenido O. Juliano, *National Scientist* Dr. Christina A. Binag, *Chair, National Organizing Committee* Dr. Ilda G Borlongan, *Chair, Local Organizing Committee* Dr. Armando M. Guidote, Jr., *President, Philippine Federation of Chemistry Societies* Dr. Nestor S. Valera, *President, Kapisanang Kimiko ng Pilipinas* Dr. Fabian M. Dayrit., *President, Integrated Chemists of the Philippines* Dr. Jose M. Andaya, *President, Philippine Association of Chemistry Teachers* • Viewing of exhibits
PLENARY SESSION 1	
	Venue: **Corporate Ballroom** *Moderator:* **Acd. Fortunato B. Sevilla III, Ph.D.**
10:50-11:30	***Plenary Lecture 1*** **Metabolomics and Innovative Biological Assays, New Perspectives in Natural Products Chemistry** ***Prof. Jean Luc Wolfender*** *University of Geneva, Switzerland*
11:30-12:10	***Plenary Lecture 2*** **Chemicals and Sustainable Aquaculture** ***Dr. Relicardo M. Coloso*** *Aquaculture Department, South East Asian Fisheries Development Center, Tigbauan, Iloilo*
12:10-1:30	Lunch Break

CONCURRENT SESSIONS 1 13 APRIL 2016					
Venue	**Corporate Ballroom B & C**	**Corporate Ballroom E & F**	**Club Ilonggo**	**Plaza Libertad 1**	**Plaza Libertad 2**
Time	**A1:** Chemical sensors and biosensors *Jose H. Bergantin, Jr., PhD*	**B1:** Natural products chemistry *Jonel P. Saludes, PhD*	**C1:** Metabolomics *Michael A. Casas*	**D1:** Materials science *Aaron Joseph L. Villaraza, PhD*	**E1:** Chemical education *Myrna S. Rodriguez, PhD*
1:30-2:00	***Keynote talk***: Quartz Crystal Microbalance Coated with Ag (I)/ PVP Composite as an Ethylene Sensor *Maria AI Kristine P. Tolentino*	***Keynote talk*** Characterization and Determination of Antioxidant Activity of Some Philippine Medicinal Plants *Rosalinda C. Torres, PhD*	***Keynote talk*** Metabolite Profiling of Eucalyptus Deglupta Essential Oil and of Associated Endophytic Fungi *Kimberly G. Garcia*	***Keynote talk*** Carbon Nanotubes and Polyaniline on Natural Fiber-Polyester Fabrics for Supercapacitor Electrodes *Felicidad Christina R. Ramirez*	***Keynote talk***: Students' Understanding of Changes in Matter through Engaging in Different Levels of Science Inquiry *Jigger P. Leonor*
2:00-2:20	***A1-2*** Gold Nanoparticle-Modified Gold Thin Film for the Measurement of Mercury in Air *Dharmatov Rahula B. Albano, PhD*	***B1-2*** Cholinesterase Inhibitory Activity of Herbal Extracts from Benguet Province *Camille Ann F. Sapico*	***C1-2*** Gas Chromatography-Mass Spectrometry Profiling of *Parameria laevigata* (Juss) Moldenke *Klidel Fae B. Rellin*	***D1-2*** Fabrication, Characterization, and Comparison of Polyester Blended Textile Supercapacitors based on *Ananas comosus* and *Eichhornia crassipes* with Polypyrrole *David Joseph G. Alzate*	***E1-2*** Utilizing Flipped Lectures to Improve Student Learning in Chemistry *Phillip Raymund R. De Oca*
2:20-2:40	***A1-3*** Piezoelectric Quartz Crystal Based E-Nose for the Discriminant Analysis of Cacao Beans *Vernalyn R. Abarintos*	***B1-3*** Herbal Extracts from Benguet Province for Cyclooxygenase Assays *Lareno L. VIllones, Jr.*	***C1-3*** Screening for Quorum-Sensing Inhibitors in Selected Philippine Seaweeds Using *Chromobacterium violaceum* Cv12472 *Aira Sacha Nadine S. Ferrer*	***D1-3*** Single Nanomicroscopy And Mass Spectrometry- Based Detection Of Disease Biomarkers By Hybrid Core-Shell Magnetic Nanoparticles *Rey Y. Capangpangan*	***E1-3*** Effects of Documentary Films on Students' Attitude Towards Science: A Pretest and Posttest Study *Vergel P. Mirana*
2:40-3:00	***A1-4*** Biosynthesized Gold Nanoparticles (AuNPs) for the Quantitation of Mercury (II) Ion *Jet G. Guerrero*	***B1-4*** Alpha-Glucosidase and Alpha-Amylase Inhibitory Activities of Herbal Extracts from Benguet Province *Jennylyn Z. Yerro*	***C1-4*** Galactofuranoside Analogues as Probes for Targeting Galactofuranosyltransferase 2 *Gladys C. Completo*	***D1-4*** Special Glass Formation Form Infused Butylated Hydroxyanisole and Beta Cyclodextrin: A Healthy Innovative Packaging Technology *June Alexis A. Santos*	***E1-4*** Integrated Instruction of Spatial Concepts for Stereochemistry *Carlos P. Garcia, PhD*
3:00-4:00	**Poster Sessions 1** *Venue:* **Corporate Ballroom A & D** **Afternoon break**				

CONCURRENT SESSIONS 2 13 APRIL 2016					
Venue	**Corporate Ballroom B & C**	**Corporate Ballroom E & F**	**Club Ilonggo**	**Plaza Libertad 1**	**Plaza Libertad 2**
Time	**A2:** Electrochemistry *Bernard John V. Tongol, PhD*	**B2:** Chemical Sensors and Biosensors *Rey Y. Capangpangan, PhD*	**C2:** Analytical chemistry *Milagros M. Peralta, PhD*	**D2:** Polymer Chemistry *Karen S. Santiago, PhD*	**E2: I**norganic Chemistry *Leon M. Payawan, Jr., PhD*
4:00-4:30	***Keynote talk***: Electrochemical Analysis of Sodium Dodecyl Sulfate (SDS) Mediated by Methylene Blue (MB) Redox Mediator on Carbon Paste Electrode *Jose Emmanuel L. Camacho*	***Keynote talk*** DNA-Based Test Strip Biosensor for Detection of Hg^{2+} In River Water Sample *Nikita P. Bacalzo, Jr.*	***Keynote talk*** Sampling in the Accredited Testing Laboratory *Edgar F. Paski, PhD*	***Keynote talk*** Exfoliated Clay-Polymer Nanocomposites with Covalent Tethered Polynorbornenes Prepared via Metal Alkylidine-Mediated Surface-Initiated Polymerization *David P. Penaloza, Jr.*	***Keynote talk***: Low-Temperature-Processed and Hole-Transport-Layer-Free Perovskite Solar Cells *Harry Morris A. Rodriguez*
4:30-4:50	***A2-2*** Potentiometric Determination of Chloramphenicol via MIP-Modified Electrode *Yasmin D.G. Edañol*	***B2-2*** Analysis of Coenzyme Q10 in Pharmaceutical Formulations Using Polyaniline Film *Ma. Cristina B. Portilla*	***C2-2*** Molecularly Imprinted Solid Phase Extraction for the Selective Recognition of Salbutamol using High-Performance Liquid Chromatography *Alleni B. Tongson*	***D2-2*** RAFT-Mediated Grafting of Poly(Glycidyl Methacrylate) in Emulsion State from Polyethylene/Polypropylene Nonwoven Fabric *via* Electron Beam Pre-Irradiation *Jordan F. Madrid*	***E2-2*** Rare Earths in Medicinal Chemistry: Current Investigations on Lanthanide Chelate Synthesis and Characterization *Aaron Joseph L. Villaraza*
4:50-5:10	***A2-3*** Electrochemical Deposition of Polyaniline and Polydopamine films for Anti-Corrosion Coating *Roma S. Lopez*	***B2-3*** Tryptamine and Tryptophan-Based Gold Nanoparticles for The Colorimetric Detection of Mercury (II) Ions *Arianne May I. Valimento*	***C2-3*** High Accuracy Quantification of Food Additive by Exact Matching Isotope Dilution Liquid Chromatography Mass Spectrometry *Aaron C. Dacuya*	***D2-3*** PLA/CA- Nano Silica Electrospun Nanofiber Composite: A Potential Bioartificial Bone Tissue Scaffold *Juvy Jimenez Monserate*	***E2-3*** Preparation and Properties of Transition Metal (TM)- and Nitrogen (N)-Doped Titania Photocatalysts by Hydrothermal Synthesis *Mel Bryan L. Espenilla*
5:10-5:30	***A2-4*** Preparation and Characterization of Bulk- and Surface-Modified of Carbon Paste Electrodes with Titanium Dioxide (TiO_2) Nanoparticles *Mia Angela N. Judicpa*	***B2-4*** Carbohydrate-Based Gold Nanoparticles as Colorimetric Sensor for Cysteine Detection *Clarice R. Santos*	***C2-4*** Development of an Alternative Sample Preparation Procedure for The Confirmatory Analysis of the Biogenic Origin of Acetic Acid in Vinegar *Raymond J. Sucgang*	***D2-4*** Preparation and Characterization of Chitosan and Chitosan/Polypyrrole Films for Bone Tissue Engineering *Sittie Zuleiha S. Salik*	***E2-4*** UV-Irradiated Polymer Stabilized Fluorescent Silver Clusters *Timothy Jemuel E. Talusan*
5:30-5:50	***A2-5*** Enantioselective Potentiometric Sensor for S-(+)-Ibuprofen Based On Electrosynthesized Polypyrrole *Kresta Muluken R. David*	***B2-5*** Histamine Sensor Based on Aptamers Coupled to Piezoelectric Quartz Crystal *Ernesto E. Paruli III*	***C2-5*** Distribution of Water Stable Isotopes in Groundwater system in Isabela Province, Region 2 *Norman DS. Mendoza*	***D2-5*** Block Copolymers of Methacrylic Acid as Hydrophobic Drug Carriers *Reynaldo Carlos K. Montalbo*	***E2-5*** Synthesis and Characterization of Polyethylene Glycol Stabilized Co-Precipitated Magnetite Nanoparticles for Potential Magnetic Drug Delivery Applications *Ken Aldren S. Usman*
6:30-9:30	**Fellowship Night** *Venue:* **Royal Garden Hall Convention Center** General Luna St. (in front of University of San Agustin)				

FELLOWSHIP NIGHT

FELLOWSHIP NIGHT

13 April 2016 (Wednesday) ● 6.30 – 9:30 P.M.

Venue: **Royal Garden Hall Convention Center**
General Luna St., Iloilo City
(in front of University of San Agustin)

6.30 - 7.00	**Opening Remarks**	Engr. Rowen R. Gelonga *DOST Regional Director*
	Recognition of Conference Sponsors	Dr. Marissa G. Noel *Chair, Ways and Means Committee*
7.00 - 7.30	**PFCS Achievement Awards**	Dr. Fedeliz S. Tuy *Vice President* *Philippine Federation of Chemistry Societies*
7.30 - 8.30	**Dinner**	
8.30 - 9.00	**Cultural Presentation**	Troubadours and Kawilihan Dancers University of San Agustin
9.00 – 9:30	**Announcement of Special Awards**	Dr. Regina Aileen May V. Vergara *Chair, Fellowship Night Committee*
	Raffle Draws & Fellowship	

Mr. Eric C. Divinagracia & Ms Jeriel Rose G. Borlongan
Emcees

PLENARY 2

SCHEDULE OF EVENTS

14 APRIL 2016

Plenary session 2	
Time	*Venue:* **Corporate Ballroom**
8:00-8:30	**Registration**
8:30-9:30	***Plenary Lecture 3*** **Forensic Chemistry in Crime Investigation** ***Chief Supt. Theresa Ann B. Cid*** *Philippine National Police, Metro Manila* *Moderator:* Armando Victor M. Guidote, Jr., Ph.D.
9:30-10:30	***Plenary Lecture 4*** **Natural Indigenous Sweeteners:** **Sugar Composition and Glycemic Index** ***Dr. Trinidad P. Trinidad*** *University of Santo Tomas, Manila* *Moderator:* Isagani D. Padolina, Ph.D.
10:30-11:00	**Poster Sessions 1** *Venue:* **Corporate Ballroom A&D** **Morning break**

CONCURRENT SESSIONS 3 14 APRIL 2016					
Venue	**Corporate Ballroom B & C**	**Corporate Ballroom E & F**	**Club Ilonggo**	**Plaza Libertad 1**	**Plaza Libertad 2**
Time	**A3:** Analytical chemistry *Regina Aileen May V. Vergara, PhD*	**B3:** Natural products chemistry *Mario A. Tan, PhD*	**C3:** Physical chemistry *Danilo O. Ortillo, PhD*	**D3:** Biochemistry *Vivian Azucena-Tropor, PhD*	**E3:** Chemical education *Jose M. Andaya, PhD*
11:00-11:30	***Keynote talk*** Solid-Phase Microextraction Low Temperature Plasma Mass Spectrometry for the Direct and Rapid Analysis of Chemical Warfare Simulants in Complex Mixtures *Morphy C. Dumlao*	***Keynote talk*** *In vitro* Antidiabetic Activity of Herbal Metabolite Curcumin *Kimberly Stacy Hope B. Benzon*	***Keynote talk*** Comparison of Different Isoconversional Methods in Determining the Kinetic Parameters of Both Real and Simulated Thermal Analysis Data *Kevinilo P. Marquez*	***Keynote talk*** Curvature and Lipid-sensing Bradykinin-derived Peptides Bind and Capture Lipid Nanovesicles *Jonel P. Saludes, PhD*	***Keynote talk*** Development of an E-based Questionnaire to Access Knowledge of Chemical Security and Safety Principles (OPCW eQchemSS) *Imee Su Martinez, PhD*
11:30-11:50	***A3-2*** Forensic Examinations to Determine Illicit Drugs Commonly Seized in the Philippines: from Evidence to Judgment *Ronald Jefferson A. Narceda*	***B3-2*** New Tetrahydroxanthone Metabolites from *Curvularia sp.* *Rachelle C. Mendoza*	***C3-2*** Microwave-Assisted Production of Activated Carbon from Mahogany Fruit Husk: Optimization and Response Surface Modelling of Methylene Blue Dye Removal in Simulated Waste Water *Bryan John A. Magoling*	***D3-2*** Isolation and Characterization of Aldose Reductase from *Mus musculus* *Clodette V. Punzalan*	***E3-2*** Aquagent®, a comprehensive pyridine-free solutions range for a reliable Karl Fisher titration from Scharlau *Gabriel Julio Lopez* *Scharlab Philippines, Inc.*
11:50-12:10	***A3-3*** Chemical Characterization of Historic Brickworks Made During the Spanish Colonial Period in The Philippines Using Scanning Electron Microscopy and Energy-Dispersive X-Ray Spectroscopy (SEM-EDX) and Infrared Spectroscopy (IR) *Jan-Michael C. Cayme*	***B3-3*** Polyhydroxylated Macrolides with Differential Broad Spectrum Cytotoxicity from a Marine Cyanobacterium *Lilibeth A. Salvador-Reyes*	***C3-3*** Microrheological Studies of Some Molecular-Based Self-Assembled Systems *David P. Penaloza, Jr.*	***D3-3*** Discovery of Dye-Decolorizing Enzymes from a Newly Isolated Fungal Endophyte *Lasiodiplodia spp.* *Princess Rosery H. Cabotaje*	***E3-3*** Assessment-Driven Design and SOLO Taxonomy in Evaluating Student Progress in Organic Chemistry *Vic Marie I. Camacho*
12:10-12:30	***A3-4*** Method Development and Validation for the Quantification of Nitrates and Nitrites in Canned Meat Loaf Using Ion-Pair High Performance Liquid Chromatography *Gio Albert T. Ang*	***B3-4*** Aromatic Constituents from Uvaria Valderamensis *Peter Yuosef M. Rubio*	***C3-4*** DFT Study on the Gas-phase Reactions of MoO^{n+}(n = 0-2) with CO and CO_2 *Mark Cliffton C. Badlon*	***D3-4*** Tapping Into Novel Fungal Isolates for Efficient Carbohydrate-Active Enzymes *Christine Jurene O. Bacal*	***E3-4*** Materials Charaterization by Localized Electrochemical Techniques *Bryan M. Montalban*
12:30-1:30	**Lunch Break**				

CONCURRENT SESSIONS 4 14 APRIL 2016					
Venue	**Corporate Ballroom B & C**	**Corporate Ballroom E & F**	**Club Ilonggo**	**Plaza Libertad 1**	**Plaza Libertad 2**
Time	**A4:** Natural products chemistry – 1 *Carlos P. Garcia, PhD*	**B4:** Natural products chemistry – 2 *Gladys J. Completo, PhD*	**C4:** Computational chemistry *Edna C. Quinto, PhD*	**D4:** Environmental chemistry *Florenda S. Valera, PhD*	**E4:** Biochemistry *Corazon A. Menguito, PhD*
1:30-2:00	***Keynote talk*** A Flavonoid Alpha-Glucosidase Inhibitor from *Vitex negundo* Linn. *Ella Mica B. Vidal*	***Keynote talk*** Chlorophyll And Its Degradants From The Leaves of *Bambusa blumeana* Schultes f. ("Kauayan-Tinik") *Roeve Ann Mae C. Mazo*	***Keynote talk*** Towards Mtb BioA inhibitors: In-Silico Derivatization by De Novo Evolution of Isopropyl 3-[2-(cyclopentanecarbonylamino)propanoylamino]-3-(p-tolyl)propanoate *Inno A. Emnacen*	***Keynote talk*** Simultaneous Analysis of Selected Pollutants in Water from Seven Lakes, San Pablo, Laguna using Solid Phase Extraction and Gas Chromatography Mass Spectrometry *Ann Selma C. Morata*	***Keynote talk*** Gene Ontology Annotation Enrichment Analysis of Urinary Proteomes Of Prostate Cancer, Bph and Normal States *Leonor V. Autus-Geniston, PhD*
2:00-2:20	***A4-2*** Antimicrobial and Anticoagulant Properties of the Methanolic Extract from the Stem of Miagos (OsmoxylonLineare)Plant *Alberto H. Baria, Jr.*	***B4-2*** TAKEOVER: Tapping Orbitrap Technology in Advancing Chemistry Research *Jihan S. Al-Shdifat*	***C4-2*** *In silico* Characterization of the Venus Flytrap Module of Venus Kinase Receptors from *Schistosoma japonicum*, *Schistosoma mansoni* and *Biomphalaria glabrata* *Darwin C. Gomez*	***D4-2*** Nanosilica from Rice Hull Ash and its Applications in the Removal of Various Food and Environmental Contaminants *Milagros M. Peralta, PhD*	***E4-2*** Accelerating Reliable Performance of an ICP-MS *Joyce Lim*
2:20-2:40	***A4-3*** HPLC Analysis of Mefenamic Acid in Herbal Supplements *Jason Paul C. Monlinong*	***B4-3*** Oxidative Stress and Acetylcholine Esterase Enzyme Activity of African Nightcrawler (*Eudrilus eugeniae*) as Affected by Selectron 500 EC *Lora Mae G. VIllegas*	***C4-3*** Probing the Sensitivity and Selectivity of a Dendronic Terthiophene Tetraethylene (TEG) Molecule Toward Calcium Cation via Molecular Modeling *Dahlia C. Apodaca*	***D4-3*** Socio-Environmental Agent-Based Simulation of the Effect of Greenhouse Gas Pollution on the Livability of Two Mega Cities *Juvyneil E. Cartel*	***E4-3*** Dimeric TATp possesses remarkable permeability to HeLa and Neuronal Cells *Jonel P. Saludes, PhD*
2:40-3:00	***A4-4*** Organic Acid Profile of "Batuan" [*Garcinia binucao* (Blco.) Choisy] Fruit *Elizabeth S. Quevedo*	***B4-4*** Carbohydrate Encapsulation Enhances Anti-Inflammatory and Glutathione-S-Transferase-Inducing Activity of Betalains from Red Dragon Fruit Peels (*Hylocereus polyrhizus* [Weber] Britton and Rose *Mark Louis P. Vidallon*	***C4-4*** Discovery of *Mycobacterium tuberculosis* L,D-Transpeptidase 2 Inhibitors By *In silico* Pharmacophore-Based Screening, Docking, and Toxicity Assessment *Beatrice Marie L. Pique*	***D4-4*** Spatial and Statistical Analysis on the Climate Variability and Trends of Cabanatuan City: A Basis for Urban Heat Island Phenomenon *Edward P. Cajucom*	***E4-4*** Computational Study Of Bioactive Components Of Sweet Basil (*Ocimum basilicum* Linn.), Luyang Dilaw (*Curcuma longa* Linn.) And Lagundi (*Vitex negundo*) As Inhibitor Against Human Immunodeficiency Virus (HIV-1) *Ivy Joyce A. Buan*
3:00-4:00	**Poster Sessions 2** *Venue:* **Corporate Ballroom A&D** **Afternoon break**				

SCHEDULE OF EVENTS

14 APRIL 2016

Plenary session 3		
Time	*Venue:* **Corporate Ballroom**	
4:00-4:50	***Plenary Lecture 5*** **Implementing Rules and Regulations (IRR) of Republic Act No. 10657 (Chemistry Profession Act)** ***Dr. Soledad S. Castaneda*** *Board of Chemistry, Professionals Regulation Commission* *Moderator:* Irene M. Villaseñor, Ph.D.	
4:50-5:30	***Plenary Lecture 6*** **Updates on the Regulations for Controlled Chemicals with Explosive Potential** ***Dr. Fabian M. Dayrit*** *President, Integrated Chemists of the Philippines* *Moderator:* Gilbert U. Yu, Ph.D.	
Business Meetings		
Venue	**Corporate Ballroom A&B**	**Corporate Ballroom D&E**
6:00-7:00	Integrated Chemists of the Philippines	Kapisanang Kimika ng PIlipinas

CONCURRENT SESSIONS 5 15 APRIL 2016					
Venue	**Corporate Ballroom B & C**	**Corporate Ballroom E & F**	**Club Ilonggo**	**Plaza Libertad 1**	**Plaza Libertad 2**
Time	**A5:** Biochemistry *Ma. Cristina R. Ramos, PhD*	**B5:** Organic synthesis *Allan Patrick G. Macabeo, PhD*	**C5:** Natural products chemistry *Vilma F. Templora, PhD*	**D5:** Environmental chemistry/ Remediation *Edgar F. Paski, PhD*	**E5:** Sensors and polymer chemistry *Dharmatov B. Albano, PhD*
8:00-8:30	***Keynote talk***: Synthesis of a Fluorescently-Labeled Nobilamide B Analogue for Imaging TRPV1 Activity in DRG Neurons *Oliver John V. Belleza*	***Keynote talk*** Dual Responsive Star Copolymers of Cross-linked Poly(methacrylic acid) and Poly(ethylene glycol) Derivatives *Eduardo C. Atayde, Jr.*	***Keynote talk*** Chemical Profiling and Standardization of *Moringa oleifera* Volatile Oil Using Gas Chromatography-Mass Spectrometry (GC-MS) *Fabian M. Dayrit, PhD*	***Keynote talk*** Plant Parts as Adsorbent for the Removal of Lead from Pasig River Water Samples *Florenda S. Valera, PhD*	***Keynote talk*** Molecularly Imprinted p-Aminostyrene for Detection of Morphine *Regina Aileen May V. Vergara*
8:30-8:50	***A5-2*** Characterization and Glyceride Contents Approximation Analysis of Oil Extracted from Matured Meat of *Nypa fruticans* (Nipa) Nuts *Camilo A. Tabinas*	***B5-2*** The Importance of Sample Preparation: Accurate and Reproducible Results Right from the Start *Agilent Technologies*	***C5-2*** Understanding Liquefied Petroleum Gas and Its Application *Marie Lea D. Cruz*	***D5-2*** Chromium (Vi) Adsorption Capacity of Mahogany Fruit Husk Activated Carbon *Bryan John A. Magoling*	***E5-2*** Direct Analysis of Mercury by Thermal Decomposition *Sigmatech Inc*
8:50-9:10	***A5-3*** Biodegradation of harmful synthetic dyes by secreted proteins from DOC 6, an endophytic *Lasiodiplodia sp.* Fungi *Dessa Camille R. Batoctoy*	***B5-3*** A Semisynthetic Strategy Leads to Alteration of the Backbone Amidate Ligand in the NiSOD Active Site *Julius O. Campeciño*	***C5-3*** Proximate and Mineral Analyses of *Zophobas morio* Larvae, Physicochemical Analysis on its Oil Extract and Toxicity Assay on its Ethanolic and Petroleum Ether Extracts *Jomarie L. Seclon*	***D5-3*** Formulated Tamarind (*Tamarindus indica* L.) Rind Capsule as Sequestering Agent for Mercury Ions: Environmental Implication and Potential Mercury Poisoning Treatment *Maria Cleofe N. Badang*	***E5-3*** Development of Nanoparticle-Based Multi- Gas Sensor for Simultaneous Detection of CO, H_2S And O_2 By Surface-Potentiometric Modification *Vince St. D. Mesias*
9:10-9:30	***A5-4*** Fatty Acid Profile and Cholesterol Content of Processed Meat and Meat Products in Metro Manila *Kristine T. Biona*	***B5-4*** Synthesis of Methylcellulose-Gelatin Polymeric Surfactant for the Microencapsulation of Metformin Hydrochloride *Rochelle A. Gutierrez*	***C5-4*** Image Analysis of Abbreviated Thin-Layer Chromatography Profiles of *Blumea Balsamifera* Towards Rapid Quality Assessment *Sarah May R. Sibug*	***D5-4*** Effect of Dimethicone on Copper Removal by Electrocoagulation of Copper Electroplating Wastewater *Kathlia D. Cruz*	***E5-4*** Kinetics of *in situ* Intercalative Polymerization of E-Caprolactone Using 12-Aminolauric Acid Modified-Montmorillonite Clay Catalyst *Cris Angelo M. Pagtalunan*
9:30-10:00	**Poster Sessions 2** *Venue:* **Corporate Ballroom A & D** **Morning break**				

SCHEDULE OF EVENTS

APRIL 15, 2016

Plenary session 4	
Time	*Venue:* **Corporate Ballroom**
10:30-11:30	***Plenary Lecture 7*** **Printed Electronics: Innovations in Materials, Processes, and Devices** ***Prof. Vivek Subramanian*** *University of California Berkeley, U.S.A.* *Moderator:* Erwin P. Enriquez, Ph.D.
11:30-12:10	**Closing Ceremony**
12:10-1:30	Lunch

CLOSING CEREMONY

CLOSING CEREMONY

15 April 2016 (Friday) ● 11.30 A.M. – 12.10 P.M.

Venue: **Corporate Ballroom**

Best Poster Winners Announcement	Dr. Jose H. Bergantin, Jr. *Chair, Scientific Papers Committee*
2017 Philippine Chemistry Congress Announcement	Dr. Jose M. Andaya *President* *Philippine Association of Chemistry Teachers*
Closing Remarks	Dr. Nestor S. Valera *President* *Kapisanang Kimika ng PIlipinas National*
	Dr. Ilda G. Borlongan *Chair, Local Organizing Committee* *President, ICP Panay Chapter*
31PCC Video Presentation	
Exit of Colors	The University of San Agustin ROTC

Ms Jeriel G. Borlongan & Ms. Kathleen Mae T. Gaspalinao
Masters of Ceremony

Plenary Session 1:	**Parallel A1:**	**Parallel B1:**	**Parallel C1:**	**Parallel D1:**	**Parallel E1:**
Acd. Fortunato B. Sevilla III, Ph.D.	*Jose H. Bergantin, Jr., PhD*	*Jonel P. Saludes, PhD*	*Michael A. Casas*	*Aaron Joseph L. Villaraza, PhD*	*Myrna S. Rodriguez, PhD*

Plenary Session 2:	**Parallel A2:**	**Parallel B2:**	**Parallel C2:**	**Parallel D2:**	**Parallel E2:**
Armando Victor M. Guidote, Jr., Ph.D. & Isagani D. Padolina, Ph.D.	*Bernard John V. Tongol, PhD*	*Rey Y. Capangpangan, PhD*	*Milagros M. Peralta, PhD*	*Karen S. Santiago, PhD*	*Leon M. Payawan, Jr., PhD*

Plenary Session 3:	**Parallel A3:**	**Parallel B3:**	**Parallel C3:**	**Parallel D3:**	**Parallel E3:**
Irene M. Villaseñor, Ph.D. & Gilbert U. Yu, Ph.D.	*Regina Aileen May V. Vergara, PhD*	*Mario A. Tan, PhD*	*Danilo O. Ortillo, PhD*	*Vivian Azucena-Tropor, PhD*	*Jose M. Andaya, PhD*

Plenary Session 4:	**Parallel A4:**	**Parallel B4:**	**Parallel C4:**	**Parallel D4:**	**Parallel E4:**
Erwin P. Enriquez, Ph.D.	*Carlos P. Garcia, PhD*	*Gladys J. Completo, PhD*	*Edna C. Quinto, PhD*	*Florenda S. Valera, PhD*	*Corazon A. Menguito, PhD*

	Parallel A5:	**Parallel B5:**	**Parallel C5:**	**Parallel D5:**	**Parallel E5:**
	Ma. Cristina R. Ramos, PhD	*Allan Patrick G. Macabeo, PhD*	*Vilma F. Templora, PhD*	*Edgar F. Paski, PhD*	*Dharmatov Rahula B. Albano, PhD*