

**Schedule**  
**The 2<sup>nd</sup> International Symposium on Green Technology for Value Chains**  
**Balai Kartini Convention Center, 23-24 October 2017**

Monday, October 23<sup>rd</sup>, 2017

**KEYNOTE SESSION 1**

08:30 - 09:00 **Registration**

09:00 - 09:10 **Opening Remark**

Chair of Green Technology for Value Chains 2017

Director of Research Unit for Clean Technology, Indonesian Institute of Sciences

09:10 - 09:55 **Keynote Session: 1<sup>st</sup> Keynote Speaker**

Mochamad Ridwan Kamil, ST, MUD\*

26<sup>th</sup> Mayor of Bandung – Indonesia

09:55 - 10:00 **Photo Sesion**

10:00 - 10:15 **Coffee break**

10:15 - 11:00 **Keynote Session: 2<sup>nd</sup> Keynote Speaker**

Prof. Hiroshi Uyama

Professor, Department of Applied Chemistry, Graduate School of Engineering,

Osaka University

11:00 - 11:45 **Keynote Session: 3<sup>rd</sup> Keynote Speaker**

Akkharawit Kanjana-Opas, Ph.D.

Deputy Secretary General, National Science Technology and Innovation Policy Office (STI)

CEO, Food Innopolis Thailand, Ministry of Science and Technology

**11:50 - 13:00 Lunch**

**ORAL PRESENTATION SESSION**

<b>Time</b>	<b>Paper Title</b>	<b>Presenter</b>
Moderator: Dr. Muhamad Nasir		
<b>Session 1</b>		
13:00 - 13:10	Precision polymerization of renewable vinyl monomers for novel green functional materials	Kotaro Satoh
13:10 - 13:20	High performance materials synthesized from natural and unnatural polysaccharides	Tadahisa Iwata
13:20 - 13:30	High performance water soluble bio-based polyimide	Shigeki Sakamoto
13:30 - 13:40	Discussion	
<b>Session 2</b>		
13:40 - 13:50	Development of bio-based polyamide fibers with high mechanical toughness	Yohei Yoshinaka
13:50 - 14:00	Characteristic and property of nanoparticle-chitosan system: solution and thin film study	Muhamad Nasir
14:00 - 14:10	Renewable organic/inorganic bionanohybrids of	Tatsuo Kaneko

Time	Paper Title	Presenter
	polyaromatics having heterocycles	
14:10 - 14:20	Discussion	
<b>Session 3</b>		
14:20 - 14:30	Production of high fructose syrup by enzymatic hydrolysis in various enzyme and substrate concentration of red sorghum starch	Ayu Ratna
14:30 - 14:40	Comparison of physical and chemical properties of three type of starches: corn, cassava, and potato	A.H. Dawam Abdullah
14:40 - 14:50	Antibacterial activity of bacterial cellulose based on edible film incorporated with essential oil from citrus spp	Yoice Srikandace
14:50 - 15:00	Discussion	
15:00 - 15:15	<b>Coffee break</b>	
15:15 - 15:40	<b>Poster Session</b>	
Moderator: Dr. A. H. Dawam Abdullah		
<b>Session 4</b>		
15:40 - 15:50	Assessing child health, nutritional status and hand hygiene in an urban slum of West Java, Indonesia	Taro Yamauchi
15:50 - 16:00	Performance of simple gravitational packed absorbents to filter artificial kitchen wastewater	Neni Sintawardani
16:00 - 16:10	Fecal exposure analysis and E. coli pathotyping: a case study of a Bangladeshi slum	Hidenori Harada
16:10 - 16:20	Discussion	
<b>Session 5</b>		
16:20 - 16:30	Evaluation of hospital infectious waste management in Bandung region	Novi Fitria
16:30 - 16:40	Isolation, identification and effectiveness of alkaloid metabolite from Mangrove ( <i>Rhizophora mucronata</i> ) against Barnacles	Desak G Sri Andayani
16:40 - 16:50	The scaling up process of fish peptone production	Wawan Kosasih
16:50 - 17:00	Discussion	
17:00 - 17:30	<b>Presentation of "Indonesian Young Green Award" Winners</b>	

Tuesday, October 24<sup>th</sup>, 2017

## **KEYNOTE SESSION 2**

09:00 - 09:45 **Keynote Session: 4<sup>th</sup> Keynote Speaker**

Prof. Tetsuya Kusuda

Senior Advisor of Advanced Research Institute at Kyushu University

09:45 - 10:00 **Discussion**

10:00 - 10:15 **Coffee break**

## ORAL PRESENTATION SESSION

Time	Paper Title	Presenter
Moderator: Dr. Tiny Agustini Kusmawati		
<b>Session 6</b>		
10:15 - 10:25	Sanitation activities among the baka hunter-gatherers in Cameroon: from individual observations at the forest camp	Koji Hayashi
10:25 - 10:35	Economic situation of value chain actors in urban slums of Bandung: a case of Kiaracondong	Mayu Ikemi
10:35 - 10:45	TD Visualization: designing science communication for the transdisciplinary research in the sanitation value chain project	Yoshimi Kataoka
10:45 - 10:55	Spatial planning for potential green TOD using suitability analysis at the metropolitan region scale	Herika Muhamad Taki
10:55 - 11:10	Discussion	
<b>Session 7</b>		
11:10 - 11:20	The disappearance of bromuconazole fungicide in domestic waste anaerobic fermentation	Hari R. Hariyadi
11:20 - 11:30	Estimating the removal efficiency of wastewater treatment plant containing complete mix activated sludge in a steady-state simulation study	Anna E. Persulesy
11:30 - 11:40	Influence of pH on biogas production in a batch anaerobic process of tofu wastewater	Widyarani
11:40 - 11:50	Effect of particle size distribution and acid treated coal bottom ash on TSS and COD removal from textile effluent using bed column	Ninik Lintang Edi Wahyuni
11:50 - 12:05	Discussion	
<b>12:05 - 13:00</b>	<b>Lunch</b>	
Moderator: Dr. Desak G. Sri Andayani		
<b>Session 8</b>		
13:00 - 13:10	The characteristic of natural organic matter (NOM) of water from a raw river basin	Mohamad Rangga Sururi
13:10 - 13:20	Phycobiliproteins production and heavy metals reduction ability of <i>Porphyridium</i> sp	Sri Priatni
13:20 - 13:30	Total arsenic in Tuna fish candidate reference material preparations: homogeneity and stability testing	Tiny Agustini Kusmawati
13:30 - 13:40	Recidual pesticides monitoring on Lembang horticultural soil	Retno Yusiasih
13:40 - 13:55	Discussion	
<b>Session 9</b>		
13:55 - 14:05	Green diesel production from palm oil using heterogeneous catalyst based on natural zeolit and Fe modified natural zeolite	Witri Wahyu Lestari
14:05 - 14:15	A comparison of natural zeolite and kaolin as a catalyst in the isothermal-catalytic cracking of real MSW to produce	Indra Mamad Gandidi

<b>Time</b>	<b>Paper Title</b>	<b>Presenter</b>
	bio-oil	
14:15 - 14:25	Synthesis of mil-96 (A1) and the influence of encapsulation of Ni-metal nanoparticles as catalyst in the biodiesel production	Witri Wahyu Lestari
14:25 - 14:35	Discussion	

14:35 - 14:45 **Closing Remarks**

Director of Research Unit for Clean Technology, Indonesian Institute of Sciences

\*to be confirmed