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■ Excellent Student-Paper Awards

Announced: 15 Aug. 2016

National Organizing Committee (NOC) is proud to announce the winners of the **Excellent Student-Paper Awards** of PSE Asia 2016. The winners have already received notification and the PDF file of the certificate via e-mail individually.

Congratulations!

NOC greatly appreciates all the juries and the applicants for the awards.

See the full list of winners below:

Winner: **Kotaro Ouchida** (*The University of Tokyo*)

A111: "Intensification of Cane Sugar Mills Based on Agricultural and Industrial Technology Options"

Winner: **Alexander Guzman** (*Ritsumeikan University*)

B112: "Maximizing the Benefits of Energy Safety Using Fuzzy Risk Assessment: The Case of Oil & Gas Pipelines"

Winner: **Hikaru G. Jolliffe** (*University of Edinburgh*)

D112: "Technoeconomic Analysis of Green Continuous Pharmaceutical Manufacturing: Three API Cases"

Winner: **Hiroshi Takase** (*Kyoto University*)

C123: "Optimal Structure Synthesis of Distillation Processes Using Stepwise VLE Description"

Winner: **Haruku Shirahata** (*The University of Tokyo*)

D123: "Selection Support Method of Single-Use Vs. Multi-Use Technologies in Sterile Drug Product Manufacturing"

Winner: **Ahmad M. Kurniawan** (*Institut Teknologi Sepuluh Nopember*)

A131: "Non-Square MIMO Process Analysis by Pseudo Inverse on Nyquist Plot"

Winner: **Akihiro Tsuchiya** (*Nagoya Institute of Technology*)

B131: "Zoning Management of Secured Industrial Control System"

Winner: **Keisho Yabuta** (*The University of Tokyo*)

D132: "Process Model of Sterile Drug Product Manufacturing for Yield Enhancement"

Winner: **Gregorius Rionugroho Harvianto** (*Yeungnam University*)

C133: "Improvement of Diphenyl Carbonate Purification in Phosgene Free Route To Polycarbonate"

Winner: **Qian Zhao** (*Zhejiang University*)

B211: "The Optimization of the Heliostat Field Scheduling Interval in a Solar Tower Power Plant"

Winner: **Feng-Lin Chang** (*National Taiwan University*)

C213: "Gas Separation Membrane Process for Post-combustion CO₂ Capture from Coal-fired Power Plants"

Winner: **Zhexing Wang** (*Fukuoka University*)

D213: "Identification of Repeating Sequential Alarms in Noisy Plant Operation Data"

Winner: **Joon Yoon Ten** (*University of Nottingham Malaysia Campus*)

C222: "Uncertainty Analysis on the Integration of Safety and Health Indexes in Chemical Product Design"

Winner: **Shao-Wu Gu** (*Chung-Yuan Christian University*)

D232: "LTV Subspace System Identification for Nonlinear Chemical Processes—An Orthonormal Basis Function Approach"

Winner: **Suryanarayana Vegi** (*Indian Institute of Bombay*)

B233: "Economic Optimization of Dilute Acid Pretreatment of Lignocellulosic Feedstock"

Winner: **Xiaoxu Song** (*Tsinghua University*)

A311: "Construction and Optimization of Recycling Resources Multi-Industry Linking System"

Winner: **Yusuke Satoyama** (*Kyoto University*)

D312: "Variable Elimination-based Fault Identification"

Winner: **Kyung Hwan Ryu** (*Korea Advanced Institute of Science and Technology*)

B321: "Model Based Optimization of Microalgae Cultivation in Open Raceway Pond"

Winner: **Hung-Hsing Chen** (*National Taiwan University*)

C322: "Application of Ionic Liquids as Entrainer and Extraction Solvent"

Winner: **Chihang Wei** (*Zhejiang University*)

D322: "Process Classification Based On Supervised Maximum Variance Unfolding"

Winner: **Ji Ye Oh** (*Korea University*)

C323: "Critical Pressure Prediction QSPR Model for Organic Compounds Including Halogen, N, S, P And Si"

Winner: **Seonbin Ga** (*Korea Advanced Institute of Science and Technology*)

A331: "Performance Indicators for Evaluation of Adsorbents in Pressure Swing Adsorption CO₂ Capture Processes"

Winner: **Ruei-Shing Wu** (*National Cheng Kung University*)

B333: "Development of Mathematical Programs for Evaluating Dynamic and Temporal Flexibility Indices Based on KKT Conditions"

Winner: **Sony Ardian Affandy** (*Institut Teknologi Sepuluh Nopember*)

D333: "Design of Natural Gas Dehydration Unit Using TEG (Triethylene Glycol)"

Winner: **Harsha Nagesh Rao** (*National University of Singapore*)

B342: "Superstructure-Based Modelling of Multi Stream Heat Exchangers"

Winner: **Kenta Suzuki** (*Yamagata University*)

D343: "Evaluation of Energy Saving and Economic Performance of Heat Pump Assisted Distillation Columns"

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