



THE  
UNIVERSITY OF  
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COLUMBIA

# Quantum Engineering Design Workshop on Materials Design and Instrumentation for Clean Energy Applications

**P1-212\***

**Department of Applied Physics**  
**Suita Campus, Osaka University, Japan**  
**August 9, 2017**  
**15:00-**

Time	Speaker	Title
15:30-16:00	<b>Elod Gyenge</b> <i>Professor, University of British Columbia, Canada</i>	Electrocatalysis for Metal-air and Novel and Redox Flow Batteries
16:00-16:30	<b>Nadhratun Naiim Mobarak</b> <i>Senior Lecturer, Universiti Kebangsaan Malaysia, Malaysia</i>	Electrolyte from Natural Resource for Dye Sensitized Solar Cell
16:30-17:00	<b>Merqorry Yusfi</b> <i>Researcher, Institut Teknologi Bandung, Indonesia</i>	Application of Thermoelectric Peltier Module in Heating and Cooling
17:00-17:30	<b>Sparisoma Viridi</b> <i>Associate Professor, Institut Teknologi Bandung, Indonesia</i>	Some Physical System Based on 2-D Granular Model: From Locomotive Organs to Asteroid Construction
17:30-	Picture Taking	

For more information please contact:

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# NOTES

Date: 2017-8-9