

Satellite Online Session on "Sustainability & Technology Sessions" in the 1st Trilateral Symposium on SDGs

jointly organized by Kagawa University, Chiang Mai University, and National Chiayi University

Date: 1th Sept 2021 (Wed)

Time: 10:00-12:35(UTC+9, Japan)

9:00-11:35(UTC+8, Taiwan)

8:00-10:35(UTC+7, Thailand)

Online session only (Faculty of Engineering and Design, Kagawa University will host the Zoom session)

Language: English

Presentation time: 10 min talk plus about 5 min discussions

Restrictions: All the participants are prohibited from taking photos, screenshots, or video recording etc. during the presentations.

Participants: Faculty and staff members, researchers, and students of three universities, plus other persons with the organizers' permission.

Registration: necessary

via (<https://www.kagawa-u.ac.jp/kuio/circ/event/pre-trilateral-symposium-sdgs/>)

Access: zoom address will not be here. DO NOT distribute it to anyone other than those involved. After you make a pre-registration, you will receive e-mail from Secretary Office of the Pre-Trilateral Symposium on SDGs 2021 around 30 or 31 August.

Session Organizers:

Kasemsak Uthaichana, Assistant Professor, CHIANG MAI UNIVERSITY (CMU), Faculty of Engineering

Chiung-Wu Su, Professor, NATIONAL CHIAYI UNIVERSITY (NCYU), Faculty of Science & Engineering

Masahide Ishizuka, Professor, KAGAWA UNIVERSITY (KU), Faculty of Design and Engineering

Program:

Opening Chair Masahide Ishizuka, Kagawa University

Opening Talks

10:00 10:05 Yoshihiro Suenaga (Dean, Prof.)

Kagawa University, Faculty of Design and Engineering , Architecture, Civil and Environmental Engineering

Session 1 Chair Chiung-Wu Su, National Chiayi University

10:05 10:20 Yoshifumi Suzaki (Professor)

Kagawa University, Faculty of Design and Engineering , Advanced Materials Science

Antifouling Transparent ZnO Thin Films Fabricated Using Atmospheric Pressure Cold Plasma (Invited-talk)

10:20 10:35 Atsuki Nakayama (M1), Yoshifumi Suzaki (Professor),

Kagawa University, Faculty of Design and Engineering , Advanced Materials Science

Improving of the efficiency of catalyst on the polymer electrolyte fuel cell electrode using chemically adsorbed monolayer

10:35 10:50 Hayato Miyagawa (Associate Professor)

Kagawa University, Faculty of Design and Engineering , Advanced Materials Science

Rietveld Analysis of Eu-doped Phosphors under tetrahedral constraint on Si-O bonds (Invited-talk)

10:50 11:05 Tomoaki Takemura (B4), Hayato Miyagawa (Associate Professor)

Kagawa University, Faculty of Design and Engineering , Advanced Materials Science

Fabrication of magnetic line of Py/Fe bilayer and current induced magnetic domain structure

11:05 11:15 (10 min break)

Session 2 Chair Kasemsak Uthaichana, Chiang Mai University

11:15 11:30 Chiung-Wu Su (Professor)

National Chiayi University (NCYU), Institute of Science and Engineering, Department of Electrophysics

Angle of incidence magneto-optic polarimetry on interfaces of multilayers system and applications (Invited-talk)

11:30 11:45 Tsuen-Shin Deng (M2), Chiung-Wu Su (Professor)

National Chiayi University (NCYU), Institute of Science and Engineering, Department of Electrophysics

Studies of generation and detection of spin current on n-GaN/a-sapphire spin devices

11:45 12:00 Chien-Peng Wu (M1), Po-Hung Wu (B4), Yi-Pei Lai (B3), Chiung-Wu Su (Professor)

National Chiayi University (NCYU), Institute of Science and Engineering, Department of Electrophysics

Angle dependent magneto-optical properties of plasma treatment on top and bottom magnetic interfaces

- 12:00 12:15 Korawan Sringarm (Assistant Professor)
Chiang Mai University (CMU), Faculty of Agriculture, Animal and Aquatic Sciences
Development of high quality commercial extender for frozen bull semen (Invited-talk)
- 12:15 12:30 Kittisak Jantanasakulwong (Assistant Professor)
Chiang Mai University (CMU), Faculty of Agro-Industry, Packaging Technology & Innovation
Sustainability of current bioplastic technology (Invited-talk)

Closing Chair Masahide Ishizuka, Kagawa University

Closing Remarks

- 12:30 12:35 Toshihiro Hayashi (Vice Dean, Prof.)
Kagawa University, Faculty of Design and Engineering , Program in Media and Product Design

URL:

CHIANG MAI UNIVERSITY, <https://eng.cmu.ac.th/english/>

NATIONAL CHIAYI UNIVERSITY, https://www.ncyu.edu.tw/eng/gradation.aspx?site_content_sn=9408

KAGAWA UNIVERSITY, http://www.kagawa-u.ac.jp/kagawa-u_ead/english/undergraduate-course/

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