



接合科学地球 カフェ

Joining Science Café in ASEAN Campus - Mahidol University -

Date: 27th January, 2021 15:00-17:00(JST)

Venue: Online via Webex between
Osaka U. and Mahidol U.

Language: English

Fee: Free (Of course!)

Program (JST)

Chairperson : Professor **Eakkachai WARINSIRIRUK** (Mahidol U.)

15:00-15:05 Opening

Professor **Manabu TANAKA**, Director of JWRI (Osaka U.)

15:05-15:15 Introduction of JWRI

Specially Appointed Associate Professor **Mihoko KATSUMATA** (Osaka U.)

15:15-15:35 Development of 3D laser metal deposition with blue diode lasers
for pure copper rod formation

Associate Professor **Yuji SATO** (Osaka U.)

15:35-15:55 Cerclage Wire Joining by Laser Welding to Challenge on the New Femure-
Surgical Process.

Ms. Nuchanart THONGCHUEA (Mahidol U.)

15:55-16:15 Advanced titanium materials with nitrogen solution produced by
additive manufacturing

Ms. Ammarueda ISSARIYAPAT (Osaka U.)

16:15-16:35 An Adequate Procedure for Aluminum Additive-Manufacturing Process with
Double-Pulse GMAW.

Mr. Abiyat Babu PRASAI (Mahidol U.)

16:35-16:50 Questions and Discussion

16:50-17:00 Introduction of MU-OU Joint Campus (ASEAN Campus) in Salaya

Specially Appointed Assistant Professor **Manami FUJIHIRA** (Osaka U.)

17:00 Closing

Professor **Hiroshige INOUE** (Osaka U.)

Co-sponsored by:

Faculty of Engineering, Mahidol University and Joining and Welding Research Institute (JWRI), Osaka University