

9 March, Monday, 2020

12:00-12:50 Board Meeting

12:00 Doors open

13:00 Opening Ceremony

Welcome speech by President Sumihare NOJI, Tokushima University

Speech by Vice President Jinn P. CHU

Speech by Vice President Yasunori MITANI, Kyushu Institute of Technology

Group Photo Session

13:30 keynote Deog Hee DOH

Diagnosis on Thermal Flows Using  
Optical Approaches

KMOU

14:00 keynote Jhy-Chern LIU

Phosphorus Removal by Oyster Shells

NTUST

14:35-15:35 Poster session

15:40

Pei-Ching CHEN

A Versatile Control Framework of Active Mass  
Damper System for Mitigating Structural

NTUST

16:00

YUFANG PAN

Preparation polyacrylonitrile nanofiber film  
containing bimetallic Au-Ag particles enhances  
antibacterial activity (15min)

NTUST

16:15

Ting-Teng WANG

Synergistic photodegradation and photoindication  
function of nonwoven mat indicator based on  
polyphenol derivatives (15min)

NTUST

20mins' break

16:50

Liang-Yih CHEN

White light-emitting diodes based on cesium-  
based halide perovskite quantum dots

NTUST

17:10

Chen-Hao WANG

Cobalt-Tellurium Nanorod Encapsulated in  
Nitrogen-containing Carbon Nanowire for  
Effective Oxygen Reduction Reaction in Alkaline

NTUST

17:30

SIDDHANT DHONGADE

Development of gold (Au) decorated In<sub>2</sub>Se<sub>3</sub>  
nanocubes via laser ablation in liquid (15min)

TU

17:45

LEWI Peter Richardo

Ta (oxy)nitrides Inverse Opal Photonic Crystals:  
Fabrication and Characterization (15min)

TU

19:00-21:00 Banquet at Hotel Sunroute Tokushima

10 March, Tuesday, 2020

9:00	keynote	Takeshi YASUI	Post-LED Photonics	TU
9:30	keynote	Effendi MOHAMAD	A proposal of Overall Equipment Effectiveness (OEE) simulation decision support tools for lean practitioners.	UTeM
10:00		Shien-Kuei LIAW	FBG Integrated LPFG for Simultaneously Two-Parameter Sensing	NTUST
10:20		Jiun-Yu SUNG	Efficient Control Signal Transportation for Centralized A-RoF Systems	NTUST
20mins' break				
11:00	invited	Min-Gyu JEON	Computer Tomography measurement method in temperature of real-combustion gas using Tunable Diode Laser Absorption Spectroscopy	KMOU
11:20	invited	Hideharu TAKAHASHI	Challenge to Investigation in Fukushima Daiichi Nuclear Power Plant using Telemetry System	TIT
11:40	invited	Minchao CUI	Fraunhofer-type lines of underwater measurement using collinear long-short double pulse LIBS	Northwestern Polytechnical University
12:00		Yoshihiro DEGUCHI	Development of Real-Time Elemental Monitoring Method in Iron and Steel Making Processes using Long and Short Double-Pulse Laser-Induced Breakdown Spectroscopy	TU
12:20		Takahiro KAMIMOTO	Development of temperature and concentration imaging for industrial applications using laser absorption spectroscopy	TU
12:35		Tao YANG	Temperature distribution measurement in three-Jet burner flame using CT-Tunable Diode Laser Absorption Spectroscopy (15min)	TU
12:50		Naruki SHOJI	Development of Portable Ultrasonic Measurement Device (15min)	TIT
13:10	Closing Ceremony Speech by Prof. Hashizume, Dean of Science and Engineering, Tokushima University			