



3rd JAAP INTERNATIONAL RESEARCH AND DEVELOPMENT CONFERENCE (JAAP-IRDC-3) “Harnessing Science and Technology beyond the New Normal.”

The 3rd JAAP International Research and Development Conference (JAAP-IRDC-3) will be held on October 28, 2021. The focus of the Conference is to hasten the research and development activities to propel the nation beyond the new normal. It will serve as a venue for JAAP members and non-members to share their expertise, exchange scientific information, ideas, experiences, and knowledge, and hopefully strengthen research collaboration and linkages. It will also be a venue where international relations and networking with Japan are strengthened, and new advancement in science and technology in Japan is disseminated to the Philippines through the invited Japanese speakers. The JAAP-IRDC-3 is hosted by the MSU-Iligan Institute of Technology and the Central Luzon State University.

CONFERENCE PROGRAM

08:00

Admission of Participants

08:30

Video Presentations – JAAP, DOST, CLSU, MSU-IIT

OPENING PROGRAM

09:00

Invocation

National Anthem

09:05

Opening Remarks and Overview of the International Conference and the Theme

Dr. Danilda Hufana-Duran

JAAP President

09:10

Welcome Remarks

Dr. Sukarno D. Tanggol

Chancellor, MSU-IIT

Dr. Edgar A. Orden

President, CLSU

09:20

Message

Dr. Leah J. Buendia

DOST Assistant Secretary for International Cooperation

JAAP Advisor

09:30

Message

Dr. Yoshio Otani

Director, JSPS Bangkok Office

09:35

Intermission Number

MSU-IIT

PLENARY TALKS AND SCIENTIFIC PAPER PRESENTATIONS

Moderator: Dr. Marvin Jose F. Fernandez
JAAP, MSU-IIT

09:40 Introduction of the Plenary Speaker

09:42

International Educational Partnership beyond the New Normal: An Economist's Viewpoint

Prof. Hikari Ishido

Chiba University

10:27 Q&A, Awarding of Certificate

10:42 Introduction of the Scientific Paper Presentors

10:45 ***Developing sustainable polymers towards a green economy***

Dr. Roberto M. Malaluan

JAAP, MSU-IIT

11:05 ***Accelerated Biodegradable Recycling to Address the 5/17 SDGs***

ASEAN Engr. Eulalio C. Creencia

JAAP, MSU-IIT

11:25 ***Re-engineering the Agricultural Environment for Whole-Year-Round Production of High Value Crops in the Lowland Tropics***

Dr. Ireneo Agulto

JAAP, CLSU (retired)

11:45 Q & A, Awarding of Certificates

Moderator: Dr. Ederlina Ganatuin-Nocon
JAAP, DLSU

13:00 Introduction of the Plenary Speaker

13:02 ***Academic, but not moot: The classroom and field applications of the Nobel Prize-winning Novel Weapons Hypothesis in plant-plant interactions***

Dr. John Solomon Maninang

The University of Tokyo

13:47 Q & A, Awarding of Certificate

14:02 Introduction of the Scientific Paper Presentors

14:05 ***Application of nanotechnology for sustainable aquaculture operation***

Dr. Karl Marx A. Quiazon

JAAP, CLSU

14:25 ***Effects of shapes and sizes on the Surface Plasmon Resonance of Green synthesized Gold nanoparticles***

Dr. Arnold C. Alguno

JAAP, MSU-IIT

14:45 ***Food Authenticity and Traceability Using Nuclear and Isotope Analyses***

Dr. Angel Bautista VII

DOST PNRI

15:05 Q & A, Awarding of Certificates

Moderator: Dr. Nelia G. Balgoa
MSU-IIT

15:25 ***The JSPS Scholarship Programs***
Ms. Chikako Doi
Intern for International Studies
JSPS Bangkok Regional Office

15:37 Introduction of the Scientific Paper Presentors

15:39 ***Marine plastic pollution in Mindanao and Palawan: Is sachet economy killing our coastal ecosystem?***

Dr. Hernando P. Bacosa
JAAP, MSU-IIT

15:59 ***Properties and Utilization of Young-age Falcata (Paraserianthes falcataria) for Veneer Production***

Dr. Marina Alipon
JAAP, DOST-FPRDI

16:19 Q & A, Awarding of Certificates

16:34 ***Announcements***

Dr. Custer C. Deocaris
PRO, JAAP

16:44 ***Photo Ops***
Technical Team

16:49 ***Closing Remarks***

Dr. Maria Rowena R. Eguia
JAAP Vice President

Mater of Ceremony: **DR. NELIA G. BALGOA**
MSU-IIT