

3rd International Symposium of the Vacuum Society of the Philippines (ISVSP 2020)

Plenary Talks		
PL1	Miran MOZETIC	Plasma Technologies for Industry 4.0
PL2	<u>Thierry DARMANIN</u> , Sonia AMIGONI, Frédéric GUITTARD	Bioinspired surfaces with nanotubular design and tunable surface hydrophobicity and water adhesion
PL3	Motoi WADA	Plasma-wall interactions in ion sources
PL4	Angus ROCKETT	Characterizing the Microchemistry, Microstructure, and Electronic Defects in Semiconductors & Application to Photovoltaic Devices
PL5	Satoshi HAMAGUCHI	Challenges of Advanced Plasma Etching Technologies
PL6	Michelle Marie VILLAMAYOR, <u>Tomas NYBERG</u>	Sputtered highly oriented two dimensional metal sulphide films
Invited Talks		
IN1	Samar GUHARAY	Extending Spectral Dimensionality for Molecular Identification – Perspectives From Mobility and Vibrational Spectra
IN2	<u>Mamiko SASAO</u> , Motoi WADA, Naoki MIYAMOTO	Cs-Free Hydrogen Negative Ion Sources For Industrial Applications
IN3	<u>Tomohiro YAMAGUCHI</u> , Tsutomu ARAKI, Yasushi NANISHI	RF-MBE Growth of Mg-Doped InN Films Using Droplet Elimination by Radical Beam Irradiation Method
IN4	Matthew P. SHERBURNE	High-throughput Computational Study of Halide Double Perovskite Inorganic Compounds and Unexpected Discovery
IN5	Ivy RAZADO-COLAMBO	Nano-photoelectron spectroscopy studies of graphene and other 2D materials
IN6	<u>Ryan BANAL</u> , Masataka IMURA, Jiangwei LIU, Yasuo KOIDE	Structural Properties and Transfer Characteristics of AlN/Al <sub>2</sub> O <sub>3</sub> Bilayer Gate Materials for H-terminated Diamond Field-Effect Transistors
IN7	<u>Florian FORMANEK</u> , Sofia GAIASCHI, Agnès TEMPEZ, Patrick CHAPON	Glow Discharge profiling, a rapid technique for coating analysis