

3/5 (SUN)

Registration 9:10-

Plasma Science 8	9:30-10:00 Invited Lecture <05aB011> Makoto Matsui (Shizuoka University) "Laser Sustained Plasma by High Power Laser Diode"	Nanomaterials 7 Carbon/2D Materials <Chair> T. Kaneko (Tohoku University) , M. Hiramatsu (Meijo University)	9:30-9:45 1185 <05aC010> Kai-Chen Huang "The Nanocomposite of Pt Nanoparticles on MoS <sub>2</sub> Nanosheets as High-performance and Economical Counter Electrode for Dye-Sensitized Solar Cells"	Nanomaterials 8 Optical Properties <Chair> Ray Hua Hong (National Chiao Tung University) , A. Wakahara (Toyohashi University of Technology)	9:30-9:45 1182 <05aD010> Ray-Hua Hong "Nanorods Effect on the Performance of p-Side-up Thin-Film AlGaInP LEDs"	Plasma Science 9	9:30-9:45 1365 <05aE010> Subong Jin "High conductivity TCO Thin Film Synthesis at Low Temperature by Cluster and Particle Flux Control in Remote Magnetron Sputtering"
Plasma Fundamentals <Chair> K. Nakamura (Chubu University)	10:00-10:15 1356 <05aB020> Taleb Gasmil Cherifi "TEA-CO <sub>2</sub> Laser Pulse Shaping Using a Pre-Ionized Plasma Technique to Achieve High Spatial Resolution Monitoring of Atmospheric Constituents"		9:45-10:00 1091 <05aC020> Hong-Cing Wu "Double-layer Graphene for Stretchable Transparent Electrode Application"		9:45-10:00 1131 <05aD020> Yi-Yun Chen "Optical Properties of Free-standing InGaN Light Emitting Diode with Porous-GaN Reflector through a Chemical Lift-off Process"	Deposition 2 <Chair> Eugen Stamate (Technical University of Denmark)	9:45-10:00 1012 <05aE020> Satoru Kaneko "Graphitic Spheric Ball and Thin Film Growth in Oxygen Atmosphere by Pulsed Laser Deposition"
	10:15-10:30 1033 <05aB030> Hiroaki Nakamura "Roughness Dependence of Noble Gas Sputtering Yield of Nano-structured Tungsten"		10:00-10:15 1208 <05aC030> Ji-Ting Lu "Low-cost Synthesis of Nitrogen Doped Carbon Quantum Dots with Strong Luminescence"		10:00-10:15 1149 <05aD030> Mohamad Rusop Mahmood "Controlled Growth of ZnO Nanostructures on TiO <sub>2</sub> Seed Layer-Coated Glass Substrate"		10:00-10:15 1077 <05aE030> Chen-An Tsai "The Effect of Cap Material on Ferroelectric HfO <sub>2</sub> Films in Non-volatile Memory Applications"
			10:15-10:30 1232 <05aC040> Takayuki Fujii "Effect of Buffer Layer on Single-walled Carbon Nanotubes Growth from Ru Catalysts by CVD"		10:15-10:30 1324 <05aD040> Hailiang Dong "The Photoluminescence and Structural Properties of InGaAs/GaAsP Quantum Dots"		10:15-10:30 1296 <05aE040> Hsiao-Ling Li "Plasma Surface Modification on Polyethylene Terephthalate by the Enhanced Magnetron Source for Cyclonic Plasma at Atmospheric Pressure"

Break 10:30-10:45

Topical Session 3	10:45-11:15 Invited Lecture <05aA051> Hiroki Ago (Kyushu University) "Synthesis and Applications of Graphene and 2D Heterostructures"						
Energy Innovation based on Plasma-nano Technology <Chair> K. Makihara (Nagoya University) , T. Shirafuji (Osaka City University)	11:15-11:45 Invited Lecture <05aA061> Yoshihiko Kanemitsu (Kyoto University) "Photophysics of Organometal Halide Perovskites: a High-Quality Solution-Processed Optoelectronic Material"						
	11:45-12:15 Invited Lecture <05aA071> Tomohiro Nozaki (Tokyo Institute of Technology) "Plasma Synthesis of Free-Standing Silicon Nanocrystals for Energy Applications"						
Award <Chair> M. Ito (Meijo University)	Award						

Closing