



Poster Session 1 Day 2

Monday 29th May 2017

Location: Conference Foyer	
17:50pm – 19:00pm	
Location No	Paper ID, Presenter & Title
1	
2	003 - Kun-An Chiu, National Chiao Tung University, Taiwan <i>Characterization of homoepitaxial diamond film on Ni-coated (111) HPHT substrate</i>
3	004 – Sean Xu, University of Technology Sydney, Australia <i>Engineering 2D Materials for Efficient Opto-electronic Devices</i>
4	007 – Sanju Gupta, Sean Xu, Western Kentucky University, United States of America <i>Scanning Electrochemical Microscopy of Graphene-based Hybrids Interfaces: Insights into Physicochemical Interfacial Processes and Electroactive Site Distribution</i>
5	008 - Sanju Gupta, Sean Xu, Western Kentucky University, United States of America <i>Surface redox chemistry of nanodiamond immobilized boron-doped diamond electrodes: Electrocatalytic and biocatalytic properties and processes</i>
6	012 – Kerem Bray, University of Technology Sydney, Australia <i>Localization of narrowband single photon emitters in nanodiamonds</i>
7	014 - Alexander Shames, Ben-Gurion University of the Negev, Israel <i>Paramagnetic triplet centers in e-beam irradiated microcrystalline Ib type HPHT diamond</i>
8	015 - Hiroyuki Kosukegawa, Tohoku University, Japan <i>Relationship between structure and electrical properties of molybdenum-containing DLC</i>
9	020 - Roshan Chalise, Tribhuvan University, Kathmandu, Nepal <i>Self-consistent 1d3v kinetic trajectory simulation model of magnetized plasma-wall transition</i>
10	021 – Yao Li, Xidian University, China <i>Hall hole mobility in H-terminated diamond</i>
11	028 - Dejun Li, Tianjin Normal University, China <i>Mono-dispersed graphene/NiPx nanocomposites as a high performance anode materials of sodium ion batteries</i>
12	029 – Toru Harigai, Toyohashi University of Technology, Japan <i>Preparation of self-supporting ta-C films on perforated substrate by dissolving water-soluble sacrificial layer</i>
13	
14	033 – Saman Majdi, Uppsala University, Sweden <i>Charge Transport in Synthetic Diamond at Low Temperature</i>
15	034 – Tae Gyu Kim, Pusan National University, South Korea <i>Mass Production of High Quality Boron doped Diamond Thin film by Surface Wave Plasma CVD</i>
16	041 - Mehran Kianinia, University of Technology Sydney, Australia <i>Robust, directed assembly of fluorescent nanodiamonds</i>
17	042 – Ryota Takamura, Tokyo Institute of Technology, Japan <i>Numerical Simulation of Plasma in Internal Deposition of DLC Films onto Metal Tube</i>
18	043 – Wenjing Xu, Peking University, China <i>Carbon nanotube Network Electrodes for High-Efficiency Nanotube-Si Solar Cells</i>
19	044- Feng Xu, Nanjing University of Aeronautics and Astronautics, China <i>Influence of laser pretreatment on the adhesion properties of nanocrystalline diamond films on titanium substrates</i>
20	045 - Adam Khan, AKHAN Semiconductor, Inc, United States of America <i>Nanocrystalline Diamond for Ultra-Durable Glass Coatings</i>
21	046 - W.Z. Tang, Hebei Academy of Sciences, China <i>A 75 kW 915 MHz Cylindrical Cavity Type MPCVD Reactor With A Ladder-shaped Circumferential Antenna Developed For Growing Large Area Diamond Films</i>
22	049 - Wenqi Zhao, Peking University, China <i>Highly Stable Carbon Nanotube/Polymer Porous Network for Multifunctional Applications</i>
23	051 - Liusi Yang, Peking University, China <i>Graphene Oxide Glue-Electrode for Fabrication of Vertical, Elastic, Conductive Columns</i>
24	052 – Chen Yiju, Peking University, China <i>A 3-D binder-free nanoporous anode for a safe and stable charging of lithium ion batteries</i>
25	053 - David Waddington, University of Sydney, Australia <i>Nanodiamond Imaging with Hyperpolarized ¹³C MRI</i>
26	057 – S.Park, Emerging Devices Research Group, ETRI, Korea <i>A nano-focus x-ray source with carbon nanotube yarn field emitters</i>
27	063 – Kenta Kozakai, Tokai University, Japan <i>Application of CNT as a supporting material of Pt catalyst</i>



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28	064- Toshiki Suzuki, Tokai University, Japan <i>Formation of Pt/CNT catalyst for fuel cell using CNT dispersion (Effect of CNT dispersion)</i>
29	065 – Ivan Maksymov, RMIT University, Australia <i>Screening and inhibition of light by nanodiamond particles</i>
30	070 – Vadim Sedov, Russian Academy of Sciences, Russia <i>Nanocrystalline diamond film growth by MPCVD on single crystal diamond: effect of substrate orientation</i>
31	074 -K. An, University of Science and Technology Beijing, China <i>texture evolution analysis along growth direction of a CVD diamond thick film</i>
32	075 - Sidra Waheed, University of Tasmania, Australia <i>Indirect and direct 3D printing of diamond composite for efficient heat dissipation within microfluidic devices</i>
33	078 – Michael J. Sear, LaTrobe University, Australia <i>P-type surface transfer doping of oxidised silicon-terminated (100) diamond</i>
34	080– Abdullah Al Mamun, Kochi University of Technology, Japan <i>Pulsed DC plasma CVD system for the deposition of DLC films</i>
35	081 – Daniel Creedon, The University of Melbourne, Australia <i>Boron Implanted Sub-Surface Highly Conducting Layers in Diamond</i>
36	084 – Torsten Gaebel, The University of Sydney, Australia <i>Enhancing T2 of 13C spins in nanodiamond</i>
37	087– H. Jeon, Electronics and Telecommunications Research Institute, South Korea <i>Self-focused Field Emission Electron Source Based on Nano Carbons</i>
38	089 – Hiroki Miyaji, Kochi University of Technology, Japan <i>Optical reflectance of patterned frost column-like CNT forest for metamaterial applications</i>
39	133– Sekhar Chandra Ray, University of South Africa, South Africa <i>Electronic and Magnetic Properties of Nitrogen Functionalized Graphene-Oxide</i>
40	136 – Maria A, Augustyniak-Jablokow, University of Silesia, Czech Republic <i>The impact of nanodiamonds and graphene oxide on selected organisms</i>
41	139 – Ashleigh Heffernan, RMIT University, Australia <i>Towards controlled positioning of nanodiamond arrays for fluorescent characterisation and quantification</i>
42	140– Wei Tong, The University of Melbourne, Australia <i>Promoting the growth of neural cells on diamond surfaces</i>
43	141 – Chi-Lung Chang, Ming Chi University of Technology, Taiwan <i>Effects of the OES setting on synthesis and characteristics of nc-WC/a-C:H coated by high power impulse magnetron sputtering</i>
44	142– Ammar Aldaoud, The University of Melbourne, Australia <i>Hermetic Diamond Capsule Verification using Resonant Tank Circuits</i>
45	144 – Marco Capelli, RMIT University, Australia <i>Microwave-free magnetic field sensing using nitrogen-vacancy centres</i>
46	145 – Nicholas V Apollo, The University of Melbourne, Australia <i>Laser-machined polycrystalline diamond circuit boards with on-board microfluidic cooling</i>
47	179– Anurag Srivastava, ABV-Indian Institute of Information Technology and Management, India <i>Structural, electronic and optical investigation of CdSe [001] nanowire</i>
48	221 - Abdelrahman Zkria Mohamed – Kyushu University – Japan <i>Nitrogen-doped Ultrananocrystalline Diamond/Hydrogenated Amorphous Carbon composite films prepared by Coaxial Arc Plasma Deposition</i>
49	208 – Yanqing Wang, The University of Tokyo, Japan <i>Mass production of novel tetrahedral Ag 3 PO 4 crystals with high sunlight photocatalytic properties using polyelectrolyte-stabilized graphene oxide as the template</i>
50	225 – Shujun Wang, Griffith University, Australia <i>Enhance the photoluminescence of grapheme quantum dots via localised surface plasma resonance</i>
51	202 – Vincent Mortet – Institute of Physics of CAS, Czech Republic <i>Raman spectra of highly boron doped diamond</i>