Poster Session 2

March 6 (Tue) 11:00-12:30

06P01	He Plasma Irradiation to Noble Metals ¹ Tomohiro Nojima, ¹ Shin Kajita, ² Naoaki Yoshida, ¹ Noriyasu Ohno, ¹ Hirohiko Tanaka, ³ Tsuyoshi Akiyama and ⁴ Takashi Yagi ¹ Nagoya University, Japan ² Kyushu University, Japan ³ National Institute for Fusion Science, Japan ⁴ National Institute of Advanced Industrial Science and Technology, Japan
06P02	Web Coating of Functional Films Haruo Uyama TOPPAN PRINTING Co.,LTD., Japan
06P03	Fabrication of Nanostructured TiO ₂ by He Plasma Irradiation ¹ Yudai Tomita, ¹ Shin Kajita, ² Eriko Yasunaga, ³ Tomoko Yoshida, ¹ Noriyasu Ohno and ¹ Hirohiko Tanaka ¹ Nagoya University, Japan ² The University of Tokyo, Japan ³ The OCU Advanced Research Institute for Natural Science and Technology, Japan
06P05	Low-voltage Operation of Ultra Thin TiO ₂ Resistive Random Access Memory Shi-Xiang Chen, Sheng-Po Chang and Shoou-Jinn Chang National Cheng Kung University, Taiwan
06P06	Structure and Wettability of ZnS (111) Textured Films Deposited by Magnetron Sputtering at Room Temperature Wei-Ming Chen, Sheng-Kai Tong, Po-Wei Chi and Da-Hua Wei National Taipei University of Technology (Taipei Tech), Taiwan
06P07	Influence of Carrier Gas for Etching of Silicon Nitride Film on Silicon Solar Cells using Surface Discharge Plasma Soma Yamamoto and Toshiyuki Hamada National Institute of Technology, Ube College, Japan
06P08	Metal Oxide Layer Fabricated with the Cathodic Arc Plasma In-situ Doping Process Min-Chuan Wang, Yu-Chen Li, Jin-Yu Wu, Wen-Fa Tsai and Der-Jun Jan Institute of Nuclear Energy Research, Taiwan

 O6P09 Generation of High-density Plasma by Burst-mode High-power Inductively-coupled Plasma
 ¹Kodai Shibata, ¹Katsuyuki Takahashi, ¹Seiji Mukaigawa, ¹Koichi Takaki and ^{1,2}Ken Yukimura
 ¹Iwate University, Japan
 ²AIST, Japan

06P10 Effect of Oxygen Addition on the Electromechanical Property of TiC Thin Films Yoshiharu Kakehi, Yoshiharu Yamada, Yusuke Kondo, Taizo Oguri and Kazuo Satoh

Osaka Research Institute of Industrial Science and Technology, Japan

06P11 Decomposition of Acetic Acid using Atmospheric-pressure Nonthermal Plasma

¹Yuui Kinjyou, ¹Akira Yonesu and ²Nobuya Hayashi ¹University of Ryukyus, Japan ²Kyusyu University, Japan

D6P12 Fabrication and Characterization of Thermochromic Vanadium
 Dioxide (VO₂) Thin Films Prepared by High Density Plasma Source
 ¹Pi-Chun Juan, ²Li-Shu Tu, ¹Yong-Chang Chen, ¹Chen-An Tsai and
 ³Cheng-Li Lin
 ¹Ming Chi University of Technology, Taiwan

²National Taipei University of Technology, Taiwan ³Feng Chia University, Taiwan

06P13 Influence of Substrate Bias of DLC Film Prepared by Pulse Arc Jet Plasma ¹Tsuvoshi Tanimoto, ¹Itaru Fujita, ¹Yuki Kondo, ¹Toru Harigai,

¹Yoshiyuki Suda, ¹Hirofumi Takikawa, ²Hidenobu Gonda, ³Yasuhiro Hadano and ⁴Masao Kamiya ¹Toyohashi University of Technology, Japan

²OSG Corporation, Japan ³Kojima Industries Corporation, Japan ⁴Itoh Optical Industrial Co., Ltd., Japan

Decomposition of Carbon Dioxide by Recombining Hydrogen
 Plasma with a Low Electron Temperature
 M. Yamazaki and K. Sasaki,
 Hokkaido University, Japan

- O6P15 Analysis of Amino Acids in Plasma-activated Water with Mass
 Spectrometer
 G. Uchida, Y. Mino, T. Suzuki, K. Takenaka and Y. Setsuhara
 Osaka University, Japan
- 06P16 Two-dimensional Simulations of Triode VHF SiH₄/H₂ Plasma Li-Wen Su, Weiting Chen, Kiichiro Uchino and Yoshinobu Kawai Kyushu University, Japan
- 06P18 Axisymmetric Two-dimensional Modelling of Inductively-coupled Plasma Sources with Faraday Shield for Self-consistent Simulation ¹Makoto Moriyama,^{1,2}Ivan Ganachev and ¹Keiji Nakamura ¹Chubu University, Japan ²Shibaura Mechatronics, Japan
- O6P19 Friction Property of Silicon-doped Diamond-like Carbon Film
 Deposited by Magnetron Sputtering
 ¹Yuki Miwa, ²Akinori Oda, ³Hiroyuki Kousaka and ¹Takayuki Ohta
 ¹Meijo University, Japan
 ²Chiba Institute of Technology, Japan
 ³Gifu University, Japan
- Measurement of Plasma-irradiated Lipid Bilayer by Sum
 Frequency Generation Spectroscopy
 ¹Ryoya Katsuya, ¹Takayuki Ohta, ²Kenji Ishikawa and ²Masaru Hori
 ¹Meijo University, Japan
 ²Nagoya University, Japan
- 06P21 Space-resolved Measurement of Microwave Power along Waveguide in Atmospheric Pressure Microwave Line Plasma Yosuke Koike, Haruka Suzuki, Yuto Tamura, Yoshiki Baba and Hirotaka Toyoda Nagoya University, Japan
- O6P22 A Numerical Study on Tandem Type of Ar Induction Thermal Plasmas; Influence of the Gap Length between Upper and Lower Coils
 ¹Kazuki Onda, ¹Naoto Kodama, ¹Yosuke Ishisaka, ¹Kotaro Shimizu, ¹Yasunori Tanaka, ¹Yoshihiko Uesugi, ¹Tatsuo Ishijima, ²Shiori Sueyasu, ²Shu Watanabe and ²Keitaro Nakamura
 ¹Kanazawa University, Japan ²Nisshin Seifun Group Inc. , Japan

06P23 Oxygen Negative Ion Behavior in a VHF-superposed DC Magnetron Sputtering Kou Udagawa, Akihiro Mitsuya, Haruka Suzuki and Hirotaka Toyoda Nagoya University, Japan 06P24 A Coaxial-waveguide Microwave Plasma Source for In-line Treatment of Large Volume Liquid Shohei Fujimura, Haruka Suzuki, Kensuke Sasai and Hirotaka Toyoda Nagoya University, Japan 06P25 Behavior of Species in Plasma-treated Water Yuya Kino and Takayuki Ohta Meijo University, Japan 06P26 Bandgap-engineered in Zinc-Tin-Oxide Thin Films for Ultraviolet Sensors Tien-Hong Cheng, Sheng-Po Chang and Shoou-Jinn Chang National Cheng Kung University, Taiwan 06P27 Nanomechanical Characterization of Polar ZnO Film E. F. Tsai and Da-Hua Wei National Taipei University of Technology (TAIPEI TECH), Taiwan 06P28 Low-temperature Fabrication of High-performance IGZO Thin Film Transistor using Plasma-assisted Reactive Processes ¹Kosuke Takenaka, ¹Masashi Endo, ¹Tomoki Yoshitani, ¹Giichiro Uchida, ¹Yuichi Setsuhara and ²Akinori Ebe ¹Osaka University, Japan ²Emd Corporation, Japan 06P29 Water-vapor Atmospheric Pressure Microwave Plasma in an Air-shielded Environment by Water Flow Haruka Suzuki, Hikaru Senba and Hirotaka Tovoda Nagoya University, Japan 06P31 Pore Structure of Hollow Activated Carbon Fibers Composed of Nano-sheets Structure Kento Sagisaka and Yoshiyuki Hattori Shinshu University, Japan

06P32	Fabrication of Catalyst Layer for Fuel Cell with Nanographene Synthesized by In-liquid Plasma ¹ Kengo Kajikawa, ¹ Keigo Takeda, ¹ Mineo Hiramatsu, ² Hiroki Kondo and ² Masaru Hori ¹ Meijo University, Japan ² Nagoya University, Japan
06P33	Lithium Ion Storage Properties of Graphite Electrode Under High-pressure Kazuki Matsushita, Mayuko Kameoka, Yosuke Ishii and Shinji Kawasaki Nagoya Institute of Technology, Japan
06P34	Fabrication of Microstructure Refiner for Hypoeutectic Al-Si Alloy Cast by Spark Plasma Sintering Fumiya Nakamura, Tadachika Chiba, Hisashi Sato and Yoshimi Watanabe Nagoya Institute of Technology, Japan
06P35	Synthesis and Magnetic Properties of Ni Magnetic Wires Anissa Azizan, Keisuke Yamada and Mutsuhiro Shima Gifu University, Japan
06P36	 Plasma Enhanced Chemical Vapor Deposition of Carbon Film into an 100- μ m-Diameter Hole under the Assistance of Source Gas Blowing ¹Rihito Ota, ^{1,2}Hiroyuki Kousaka, ³Laxminarayan L. Raja, ¹Noritsugu Umehara, ¹Takayuki Tokoroyama and ¹Motoyuki Murashima ¹Nagoya University, Japan, ²Gifu University, Japan, ³The University of Texas at Austin, USA
06P37	Microplasma-assisted Synthesis of Core-shell Au@Ag Bimetallic Nanoparticles for SERS Applications Guan-Jun Chen and Wei-Hung Chiang National Taiwan University of Science and Technology, Taiwan
06P38	Control of Surface Segregated Ultrathin Ge Layer Formation on Ag Surface Koichi Ito, Akio Ohta, Masashi Kurosawa, Masaaki Araidai, Mitsuhisa Ikeda, Katsunori Makihara and Seiichi Miyazaki Nagoya University, Japan

06P39	Microplasma-assisted Synthesis of GQD-AgNP Nanohybrids for SERS-based Detection
	Kai-Sheng Lin and Wei-Hung Chiang
	National Taiwan University of Science and Technology, Taiwan
06P40	Angle Dependence in the Synthesis of BiOI Film Via Dip Coating Method
	^{1,2} Anissa Adiwena Putri, ¹ Shinya Kato, ¹ Naoki Kishi and ¹ Tetsuo Soga ¹ Nagoya Institute of Technology, Japan ² Walisongo State Islamic University, Indonesia
06P41	Scalable Synthesis of Graphene Quantum Dots by
	Mechanochemical-assisted Solid Exfoliations
	Hao-Hsuan Chien and Wei-Hung Chiang National Taiwan University of Science and Technology, Taipei, Taiwan
06P42	Special Quality Improvement of a Separetor for Fuel Cells by Graphene Containing Carbon Film
	Souma Kurishima and Hideo Uchida
	Chubu University, Japan
06P43	Synthesis and Characterization of FePt/Exfoliated Montmorillonite Nanocomposites for Magnetic Fluid Hyperthermia Application Yi-Lung Chung and Da-Hua Wei
	National Taipei University of Technology (TAIPEI TECH), Taiwan
06P44	Optical Property of ZnS Nanowires Grown by Thermal Evaporation Method
	Yu-Hsuan Su, Ko-Ying Pan and Da-Hua Wei
	National Taipei University of Technology (TAIPEI TECH) , Taiwan
06P46	Fabrications of Super-hydrophobic and Oleophobic Films by Microwave Plasma
	Ching-Yu Chen, Wen-Hui Wang and Ta-Chin Wei Chung Yuan Christian University, Taiwan
06P47	Friction Property of a-C:H:Si:O Film Deposited by PECVD
	Employing Microwave Sheath-voltage Combination Plasma
	¹ Toshimitsu Nakano, ¹ Ippei Tanaka, ¹ Tomoya Ikeda, ¹ Hiroyuki Kousaka and ² Kouji Yamakawa
	¹ Gifu University, Japan
	² Katagiri engineering Co., Ltd, Japan

06P48	The SnO ₂ Adding Palladium Nanoparticles Gas Sensor for Detect Gas Effectsa ¹ Zhe-Yu Li, ² Ting-Jen Hsueh, ² Yu-Jen Hsiao, ¹ Chih-Hslang Hsu, ³ Shih- Mao Lin and ¹ Shih-Chih Chen ¹ National Yunlin University of Science And Technology, Taiwan ² National Nano Device Laboratories, Taiwan. ³ National Cheng Kung University, Taiwan.
06P49	Comparison of Conventional Plasma Carburizing and New Plasma Carburizing using Microwave-enhanced High-density Plasma Generated near Substrate ¹ Keiichirou Noda, ^{1,2} Hiroyuki Kousaka, ¹ Noritsugu Umehara, ¹ Motoyuki Murashima and ¹ Takayuki Tokoroyama ¹ Nagoya University, Japan ² Gifu University, Japan
06P50	Nano-void Control According to Laplace Pressure in Crazed Polypropylene Film Yui Horiguchi, Shinpei Thuzi, Shinya Takahashi and Akiyoshi Takeno Gifu University, Japan
06P51	Development of Asthma Detection with the Miniature and Wearable Hybrid Sensors ¹ Shih-Mao Lin, ¹ Shoou-Jinn Chang, ² Ting-Jen Hsueh and ³ Sheng-Siang Huang ¹ National Cheng Kung University, Taiwan ² National Nano Device Laboratories, Taiwan ³ Southern Taiwan University of Science And Technology, Taiwan
06P52	The Influence of CO and TVOC Characteristics on the SnO ₂ Sensing of Gold ¹ Yu-Zhan Zheng, ² Ting-Jen Hsueh, ² Yu-Jen Hsiao, ³ Chih-Hung Lin, ³ Shih-Mao Lin and ¹ Shih-Chih Chen ¹ National Yunlin University of Science and Technology, Taiwan. ² National Nano Device Laboratories, Taiwan. ³ National Cheng Kung University, Taiwan
06P53	Modification of Carbon Fiber Surface by Microbubble Treatment using Electrophoresis Daiki Ishida, Shinya Takahashi and Akiyoshi Takeno Gifu University, Japan

06P54	Rational Design of Nanocarbons for Catalytic Reduction of 4-nitrophenol (4-NP)
	¹ Yu-Lun Yeh, ¹ Chi Van Nguyen, ² Prof. Kevin Wu and ¹ Wei-Hung Chiang ¹ National Taiwan University of Science and Technology, Taiwan ² National Taiwan University, Taiwan
06P55	One-step and Controllable Synthesis of Heteroatom-doped Graphene Nanosheets by Mechanochemical Ball-milling Jun-Xiang Chen and Wei-Hung Chiang National Taiwan University of Science and Technology, Taiwan
06P56	Effect of Pre-annealing Conditon on Formaiton of Cu2ZnSnS4 Thin Films using CS ₂ ¹ Keita Yoshikawa, ¹ Tomohiro Shimizu, ² Shukichi Tanaka, ³ Koichi Takase, ¹ Takeshi Ito and ¹ Shoso Shingubara ¹ Kansai University, Japan ² National Institute of Information and Communications Technology, Japan ³ Nihon University, Japan
06P57	Effect of an Interlayer under Au Catalyst for Preparation of Microscale Holes in Si Substrate by Metal-assisted Chemical Etching Tomohiro Shimizu, Ryosuke Niwa, Michio Matsumura, Takeshi Ito and Shoso Shingubara Kansai University, Japan
06P59	Effects of Density-gradient of Reactive Species on Oriented Growth of Carbon Nanowalls ¹ Hitoshi Nozaki, ¹ Takuya Suzuki, ¹ Keigo Takeda, ¹ Mineo Hiramatsu, ² Hiroki Kondo and ² Masaru Hori ¹ Meijo University, Japan ² Nagoya University, Japan
06P60	Long-lived Chemical Species in Inactivation of Spore by using Atmospheric Plasma Activated Water Mu-Chien Wu, Chih-Tung Liu, Chung-Ping Hsiao, Yi-Jia Lin, Ying- Hong Lin and Jong-Shinn Wu National Chiao Tung University, Taiwan

06P61 Homogenous Surface Coating of Bone Graft Materials using Fluidized Bed Plasma Jet Reator System Ki-Jun Kim and Min-Suk Kook Chonnam National University, Korea

06P62 Reaction Mechanism in Various Solutions Irradiated with Nitric Oxide Radicals
 ¹Masashi Okachi, ¹Jun-Seok Oh, ²Hiroshi Hashizume, ²Masaru Hori and ¹Masafumi Ito,
 ¹Meijo University, Japan
 ²Nagoya University, Japan

- 06P64 Nanosecond Pulsed Electric Fields Induce Extracellular Trap Formation as a Neutrophil-specific Immune Response in Human HL-60 Cells Tsubasa Koga, Keiko Morotomi-Yano, Takashi Sakugawa and Kenichi Yano Kumamoto University, Japan
- 06P65 Preparation of Nutritious Water for Agriculture using Multi-spark Discharge System Toru Harigai, Tetsushi Nakaso, Tomoya Shimomura, Sholihatta Aziz Kusumawan, Tsuyoshi Tanimoto, Yoshiyuki Suda, Hirofumi Takikawa and Takahiro Yamauchi

Toyohashi University of Technology, Japan

 O6P66 Oxygen-radical Pretreatment Promotes Cellulose Degradation by Cellulolytic Enzymes
 ¹Saki Kojiya, ¹Kiyota Sakai, ¹Junya Kamijo, ¹Kenta Tanaka, ¹Masahiro Maebayashi, ¹Jun-Seok Oh, ¹Masafumi Ito, ²Masaru Hori, ¹Motoyuki Shimizu and ¹Masashi Kato
 ¹Meijo University, Japan
 ²Nagoya University, Japan

 O6P67 Analysis of Color-change Mechanism of Raw Horse Meat Irradiated with Various Radicals
 ¹Yuto Kitada, ¹Jun-Seok Oh, ¹Toshiya Hayashi, ²Kenji Ishikawa,
 ²Masaru Hori and ¹Masafumi Ito
 ¹Meijo University, Japan
 ²Nagoya University, Japan

- 06P68 Inactivation of Exotoxins Derived from Staphylococcus Aureus using Atmospheric-pressure Oxygen Radical Source Bungo Futamura, Yumiko Komori, Ako Hayamizu and Masafumi Ito Meijo University, Japan
- 06P69 Growth Promation of Radish Sprouts using Cold Atmosphericpressure Plasma

¹Masayuki Nakamura, ¹Kenshiro Yamamasu, ¹Takayuki Ohta, ¹Masafumi Ito and ²Masaru Hori ¹Meijo University, Japan ²Nagoya University, Japan

O6P70 Characteristics of Low Energy Atmospheric Pressure Plasma toward Protein Aggregation
 ^{1,2}Hiromasa Yamada, ^{1,2,5}Hajime Sakakita, ^{2,5}Tetsuji Shimizu, ²Masanori Fujiwara, ²Susumu Kato, ²Satoru Kiyama, ²Jaeho Kim, ²Sanae Ikehara, ³Nobuyuki Shimizu, ⁴Hayao Nakanishi and ^{2,5}Yuzuru Ikehara
 ¹The University of Tsukuba, Japan
 ²AIST, Japan
 ³SANNO Hospital (International University of Health and Welfare), Japan
 ⁴Aichi Cancer Center Research Institute, Japan

06P71 Nitrogen Atmospheric-pressure Plasma Jet Processed Nanoparticuate PtZnO_x Counter Electrodes for Dye-sensitized Solar Cells Chia-Chun Lee, Ting-Hao Wan, I-Chun Cheng, Cheng-Che Hsu and Jian-Zhang Chen National Taiwan University, Taiwan

⁵Chiba University, Japan

- 06P72 Interaction of Hydrogen Molecule with Metal Doped Graphene Surface: Density Functional Theory (DFT) Study Hiroto Tachikawa and Tetsuji Iyama Hokkaido University, Japan
- 06P73 Electronic States of Hydrogen Added Carbon Materials: Density Functional Theory (DFT) Study Tetsuji Iyama, Takahiro Fukuzumi, Hiroshi Kawabata and Hiroto Tachikawa Hokkaido University, Japan,

06P74	Grafting of Acrylic Acid onto Microwave Plasma-treated Polytetrafluoroethylene (PTFE) Substrate ¹ John Kenneth Valerio, ² Hideki Nakajima and ¹ Magdaleno Vasquez Jr. ¹ University of the Philippines Diliman, Philippines ² Synchrotron Light Research Institute, Thailand
06P78	Thermal Properties of Various Kinds of Metal-based Heat Dissipative Materials Fabricated by SPS ¹ Motohiro Tanaka, ² Kanryu Inoue, ¹ Yasuyuki Agari, ¹ Takashi Takeuchi, ³ Yukio Makino ⁴ Mikio Ito And ¹ Kiyoshi Mizuuchi, ¹ Osaka Research Institute Of Industrial Science And Technology (Orist), Japan ² Microbright Corp., Japan ³ Forum Mackiy, Japan ⁴ Osaka University, Japan
06P79	Resistive Switching Memory Device Consisted of Red Bean Water Zih-Lun Zeng and Chun-Chieh Lin National Dong Hwa University, Taiwan
06P80	Fabrication of Electrospun Poly (Vinyl Alcohol) (PVA) with Zinc Oxide Nanoparticles ¹ Mary Lizeth Anero and ² Magdaleno R. Vasquez Jr. ¹ Polytechnic University of the Philippines, Philippines ² University of the Philippines-Diliman, Philippines
06P81	Thermal and Water Absorption Properties of Plasma-polymerized Nanosilica Epoxy Composite Glenson Panghulan, Fatima Athena Hubilla, Jason Pechardo and Magdaleno Vasquez Jr. University of the Philippines-Diliman, Philippines
06P82	High-efficiency Organolead Halide Perovskite Solar Cell with the Electron Transport Layer Combined with Ferroelectric Complex Oxides Hai Truyen Dang, Nguyen Thi Nguyen, Sangmo Kim and Chung Wung Bark Gachon University, Korea
06P83	The Design of a Portable High Voltage Module for Microplasma Generation Devices: the Circuit Consideration Ting-Kai Yuan and Cheng-Che Hsu

National Taiwan University, Taiwan

- 06P84 Proton-mediated Enhancement of a-Si:H Growth at High Temperature in PECVD Yasutake Toyoshima AIST, Japan
- Molecular Dynamics Study of the Interaction of Carbon with Cu(111) Surface
 Christian Lloyd Silapan, Jomar Tercero, Ma. Shanlene D.C. Dela Vega, Aubrey Faith Mella and Magdaleno Vasquez Jr.
 University of the Philippines-Diliman, Philippines
- 06P86 Reducing the Ferroelectric Complex Oxides Bandgap for Enhancement of the Photovoltaic Rui Tang and Chung Wung Bark

Gachon University, Korea

06P87 Corrosion Behaviour of Magnetron-sputtered Titanium Nitride Thin Films Aiko R. Alibadbad, Anna Patricia S. Cristobal, Jason Pechardo and Magdaleno R. Vasquez Jr.

University of the Philippines, Diliman, Philippines

- 06P88 Hexamethyldisiloxane Plasma Coating of Residual Coconut Fibers as Reinforcement for Cement-based Materials Tanya V. Olegario, Ma. Shanlene D.C. Dela Vega and Magdaleno R. Vasquez, Jr. University of the Philippines-Diliman, Phillippines
- O6P89 Properties of SrMnO₃ (SMO) Films Grown on the SrTiO₃ Substsre
 by rf Sputtering with Off-axis Angle
 Sangmo Kim, Dang Hai Truyen, Hoang Van Quy, Nguyen Thi
 Nguyen, Tang Rui, and Chung Wung Bark
 Gachon University, Korea
- Wettability of β-FeSi₂ Films Formed Via Facing-targets Directcurrent Sputtering
 ¹Peerasil Charoenyuenyao, ¹Rawiwan Chaleawpong, ¹Nathaporn Promros, ²Tomohiro Nogami and ²Tsuyoshi Yoshitake
 ¹King Mongkut's Institute of Technology Ladkrabang, Thailand
 ²Kyushu University, Japan

- Properties of Amorphous Carbon Films Grown Via Low-energy ion Beams of Ar-C₂H₂ Plasma
 Magdaleno R. Vasquez Jr., Mc Guillis Kim F. Ramos and Andrea Gracia T. Cuevas
 University of the Philippines-Diliman, Philippines
- 06P94 A Dielectric Barrier Discharge System for Flexible Substrates Gayeon Kim, Jun-Hyun Kim and Chang-Koo Kim Ajou University, Korea
- 06P95 Development of a Low-Cost ZnO Nanorods-Based Gas Sensor with an Intergrated Microplasma Generation Unit Sz-Yun Lin, Fei-Hung Huang and Cheng-Che Hsu National Taiwan University, Taiwan

 D6P96 Effect of Confined Magnetic Field on Films Prepared by using Facing Targets Sputtering Method
 ¹Sangmo Kim, ²Ki Hyun Kim, ¹Young Ha Park, ³Min Jong Keum,
 ¹Chung Wung Bark and ¹Kyung Hwan Kim
 ¹Gachon University, Korea,
 ²Technix Inc., Korea
 ³Jusung Engineering, Korea

06P97 Characteristics of Bioactive HA/TiO₂ Coating Nanoparticles for Biomedical Applications by using SDBS as Surfactant Van Quy Hoang, Rui Tang, Sangmo Kim and Chung Wung Bark Gachon University, Korea