## Poster Session

Dec.10 13:00-15:00 Yokohama Media & Communications Center 6th floor

| Entry No | Presentation | Presenter_J(Family) | Presenter_J(First) | Presenter_E(Family) | Presenter_E(First) | Affiliation | Paper Title(J) | Paper Title(E) |
|---|---|---|---|---|---|---|---|---|
| 10793 | P-P10-001 | 北﨑 | 訓 | KITAZAKI | Satoshi | Faculty of Engineering Sciences, Kyushu University | DPPH法を用いた大気圧放電プラズマ処理収穫物の抗酸化活性計測 | Measurement of Antioxidant Activity of Atmospheric Pressure Discharge Plasma Irradiation Crops using DPPH Method |
| 10297 | P-P10-002 | 小野 | 大帝 | ONO | Reoto | Interdisciplinary Graduate School of Engineering Science, Kyushu University | 酸素プラズマの導入による植物の抗酸化活性の制御 | Control of Antioxidative Activity of Plants Induced by Oxygen Plasma |
| 10357 | P-P10-003 | サリノント | タパナット | Sarinont | Thapanut | Graduate School and Faculty of Information Science and Electrical Engineering, Kyushu University | | Effects of Water on Interaction between Plant Growth and Plasma |
| 10544 | P-P10-004 | 内田 | 詳平 | UCHIDA | Shohei | Interdisciplinary Graduate school of Engineering Sciences, Kyushu University | 植物種子へのプラズマ及びUV光照射による成長促進 | Growth Enhancement of Plant by Plasma and UV light Irradiation to Seeds |
| 10699 | P-P10-005 | 白藤 | 立 | SHIRAFUJI | Tatsuru | Dept. Physical Electronics and Informatics | 水蒸気を含むAr DBDにおけるOH(A)生成へのH3O+の解離再結合の寄与 | On The Contribution of Dissociative Recombination of $H_3O^+$ to Produce OH(A) in DBD of Ar with Water Vapor |
| 10587 | P-P10-006 | 田中 | 昭匡 | TANAKA | Akimasa | Interdisciplinary Graduate School of Engineering Science, Kyushu University | オゾンのUV光分解による活性酸素種を用いたチューブ内滅菌 | Sterilization Treatment of Inner Surface of a Narrow Tube Using Synergy Effect of Ozone and UV light Irradiation |
| 10538 | P-P10-007 | 張 | 晗 | CHOU | HAN | Graduate school of Engineering , Shizuoka University | RF励起NH3プラズマを用いたグラフェン外包磁気ナノ微粒子の アミノ基表面修飾におけるNHラジカルの効果 | Effect of NH Radicals on Amino Group Surface Modification onto Graphene-Encapsulated Magnetic Nanoparticles Using RF Excited $NH_3$ Plasma |
| 10703 | P-P10-008 | 内田 | 儀一郎 | UCHIDA | Giichiro | Joining and Welding Research Institute, Osaka University | 生体医療応用のための大気圧誘電体バリア放電プラズマジェットの基礎特性(I) | Basic characteristics of atmospheric-pressure dielectric barrier discharge plasma jet for biomedical applications (I) |
| 10701 | P-P10-009 | 内田 | 儀一郎 | UCHIDA | Giichiro | Joining and Welding Research Institute, Osaka University | 生体医療応用のための大気圧誘電体バリア放電プラズマジェットの基礎特性(II) | Basic characteristics of atmospheric-pressure dielectric barrier discharge plasma jet for biomedical applications (II) |
| 10704 | P-P10-010 | 竹中 | 弘祐 | TAKENAKA | Kosuke | Joining and Welding Research Institute, Osaka University | 大気圧非平衡プラズマ照射後の生体分子の分子構造の変化 | Variation of Molecular Structure of Bio-molecules after Atmospheric-pressure Plasma Irradiation |
| 10564 | P-P10-011 | 楊 | 樹斌 | Yang | Shubin | Graduate School of Science and Technology, Shizuoka University/Institute of Plasma Physics, Chinese Academy of Science | | Sorption Mechanism of Cesium Ions from Aqueous Solution by Chitosan-grafted Carbon Nanotubes and Bentonite by Plasma-induced Grafting Method |

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| 10652 | P-P10-012 | 柳生 | 義人 | YAGYU | Yoshihito | Sasebo National College of Technology | 大気圧バリア放電による柑橘類果皮に付着した緑かび病菌胞子(Penicillium digitatum)の不活化効果 | Effect of atmospheric pressure dielectric barrier discharge irradiation to green mold spore, Penicillium digitatum, attached on citrus peel |
| 20855 | P-P10-013 | スハリアディ | イピン | Suhariadi | Iping | Graduate School and Faculty of Information Science and Electrical Engineering, Kyushu | | Morphological Characterization of ZnO Thin Films Fabricated via Nitrogen Mediated Crystallization: Effects of Substrate Temperature |

**Dec.11 9:30-11:30 Yokohama Media & Communications Center 6th floor**

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| 10755 | P-P11-001 | 大島 | 多美子 | OHSHIMA | Tamiko | Sasebo National College of Technology | Bi粉とFe粉による混合粉体のパルスレーザ堆積 | Pulsed Laser Deposition of Mixed Powder Target Containing Bismuth Powder and Iron Powder |
| 10527 | P-P11-002 | 高野 | 貴文 | TAKANO | Takafumi | Graduate School of Engineering, Shizuoka University | 沿面放電による常温大気圧下での$SnO_2$膜の作成 | $SnO_2$ thin films prepared by surface discharge technique at room temperature under atmospheric pressure |
| 10706 | P-P11-003 | 竹中 | 弘祐 | TAKENAKA | Kosuke | Joining and Welding Research Institute, Osaka University | プラズマ支援ミストCVDで堆積した酸化亜鉛薄膜の表面構造分析 | Surface Structure Analysis of Zinc Oxide Thin films Deposited by Plasma-Assisted Mist Chemical Vapor Deposition |
| 10690 | P-P11-004 | 市村 | 進 | ICHIMURA | Susumu | Okayama University/Chubu University | マイクロ波表面波プラズマCVDによるグラフェンの合成とその評価 | Synthesis and Evaluation of Graphene by Microwave Surface Wave Plasma CVD |
| 10660 | P-P11-005 | 篠原 | 正典 | SHINOHARA | Masanori | Nagasaki University | Monitoring of plasma process with infrared absorption spectroscopy in multiple internal reflection | Monitoring of plasma process with infrared absorption spectroscopy in multiple internal reflection |
| 10638 | P-P11-006 | 秋山 | 卓也 | AKIYAMA | Takuya | Department of Materials Engineering, The university of Tokyo | メゾプラズマCVDによるSiC高速堆積 | Fas rate deposition of thick SiC films by mesoplasma CVD |
| 10657 | P-P11-007 | ティーマン | ムサブ | TIMAN | Musab | Nagasaki University | 液中プラズマ生成による炭素関連パーティクルの生成 | Carbon-related particle formation with plasma generated in liquid phase |
| 10420 | P-P11-008 | 林 | 祐衣 | HAYASHI | Yui | Graduate School of engineering, Nagoya University | 気液界面におけるパルス放電プラズマによる酢酸アンモニウムからのアミノ酸合成 | Amino Acid Formation from Ammonium Acetate by Pulsed Discharge Plasma at Pressurized Gas-Liquid Interface |
| 10479 | P-P11-009 | 都甲 | 将 | TOKO | Susumu | Kyushu University | マルチホロー放電電圧振幅変調による放電で形成されるクラスター量への効果 | Effects of Amplitude Modulation of Discharge Voltage of Multi-Hollow Silane Discharges on Amount of Clusters Formed in the Discharges |
| 10100 | P-P11-010 | 荻野 | 明久 | OGINO | Akihisa | Shizuoka University | 光支援熱電子発電のためのセシウム被覆半導体表面の電子放出特性 | Electron Emission Property of Cesiated Semiconductor Surface for Photon Enhanced Thermionic Energy Converter |
| 10592 | P-P11-011 | 説田 | 貴仁 | SETSUDA | Takahito | Shizuoka University | 低温で動作する光支援熱電子発電器の出力特性における空間電荷の効果 | Effect of Space Charge on Output Characteristics of Thermionic Energy Converter Using Photon Enhanced Thermionic Emission for Low-temperature Operation |

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| 10595 | P-P11-012 | 川崎 | 仁晴 | KAWASAKI | Hiroharu | Sasebo National College of Technology | 紫外線を併用したグライディングアーク放電の特性 | Characteristic of the gliding arc discharge for plasma process with ultra-violet light source |
| 10593 | P-P11-013 | 板良敷 | 朝将 | ITARASHIKI | Tomomasa | Interdisciplinary Graduate school of Engineering Sciences Kyushu University | トーチ型マイクロ波プラズマを用いた芽胞の不活性化の特性 | Inactivation Characteristics of Bacillus Spore Using Microwave Multi-type Torch Plasma |