

パルスパワー研究会

〔委員長〕 八井 淨（長岡技科大）
 〔副委員長〕 堀岡一彦（東工大）
 〔幹事〕 江 偉華（長岡技科大）
 〔幹事補佐〕 土田秀一（電中研）

日時 10月23日（水）13：30～17：00
 10月24日（木）9：00～11：00

場所 中国四川省綿市，Fule International Hotel

協賛：パルス電磁エネルギーの発生と制御調査専門委員会（委員長 江 偉華，幹事 勝木 淳，
 幹事補佐 土田秀一）

議題 テーマ「パルスパワーとプラズマの応用」

10月23日（水）13:30～17:00

PPT-02-56 Basic Numerical Study on Magnetohydrodynamic Acceleration for Hypersonic Vehicles
 Nob. Harada, Y. Terasaki, S. Takahashi (Nagaoka Univ. of Tech.)

PPT-02-57 The First Experiments on Dielectric Barrier Discharge under Atmospheric Pressure
 Nob. Harada, Y. Watabe, T. Wayanabe (Nagaoka Univ. of Tech.)
 I. Ooshio (MTJ CO., LTD.)

PPT-02-58 Diode-Pumped Glass Laser (10J x 10Hz) Development
 T. Kanabe, T. Kawashima, M. Yamanaka, M. Nakatsuka, Y. Izawa (Osaka Univ.)
 T. Kanzaki, H. Kan (Hamamatsu Photonics K. K.)
 S. Nakai (Kochi National College of Tech.)

PPT-02-59 Development of Gas-Puff Apparatus for Pulsed Wire Discharge
 T. Ikeuchi, K. Takai, H. Suematsu, W. Jiang, K. Yatsui
 (Nagaoka Univ. of Tech.)

PPT-02-60 Enhancement of Energy Deposition in the Pulsed Wire Discharge for Nanosize Powder
 Synthesis
 C. Cho, H. Suematsu, W. Jiang, K. Yatsui (Nagaoka Univ. of Tech.)

PPT-02-61 NO Removal using Inductive Energy-Store Pulse Generator
 F. Endo, W. Jiang, N. Shimizu, K. Iida, K. Yatsui (Nagaoka Univ. of Tech.)

PPT-02-62 Opacity Effects on Gains and Line Intensity Ratios of Neon-like Argon, and Krypton Ions
 Excited in Fast Capillary Discharges
 M. Masnavi, T. Kikuchi, N. Sakamoto, M. Nakajima, K. Horioka
 (Tokyo Inst. of Tech.)

10月24日(木) 9:00 ~ 11:00

- PPT-02-63 Preparation of Ti-Ni-N Thin Films by Pulsed Laser Deposition
A . Sayama , I . Nakamura , M . Hirai , T . Suzuki , H . Suematsu , W . Jiang
K . Yatsui (Nagaoka Univ . of Tech .)
- PPT-02-64 Microstructural of Si_{1-x}Gex Thin Films prepared by Pulsed Ion-Beam
Evaporation
R . Iwashita , T . Arikado , M . Hirai , N . Uchitomi , Y . Matsui , K . Kiomoto ,
H . Suematsu , W . Jiang , K . Yatsui (Nagaoka Univ . of Tech .)
- PPT-02-65 Surface modification of graphite targets by intense pulsed ion beams
K . Kashine , T . Suzuki , H . Suematsu , W . Jiang , K . Yatsui
(Nagaoka Univ . of Tech .)
- PPT-02-66 High power microwave generation by new configuration of virtual cathode
oscillator
M . Sato , N . Shimada , W . Jiang , K . Yatsui (Nagaoka Univ . of Tech .)