

Measurement, Analysis and Control of Plasma in a Form of Ordered Structure

秩序構造形成プラズマの計測・解析と制御

August 26 (Fri), 2016 13:10-18:00

Room No.N105, Building No.15, Kyoto Institute of Technology

京都工芸繊維大学 15号館COCプラザ棟N105

Language: English

Free Admission: First 100 applicants

PROGRAM

13:10-13:20

Opening remarks

Masahiro Yoshimoto, Vice-President and Professor of Kyoto Institute of Technology



13:20-14:20

Dusty plasma as a tool for particle metrology and characterization

Laifa Boufendi, Professor of University of Orleans, France



14:20-15:20

Diagnostics and manipulation of dusty, magnetized plasmas

Uwe Konopka, Associate Professor of Auburn University, U. S. A.



15:20-15:40

Break

15:40-16:30

Electromagnetic wave propagation in a complex plasma

Osamu Ishihara, Vice-President and Professor of Chubu University



16:30-17:20

Consecutive imaging of ion and electron fluids using MCP followed by phosphor screen in two-fluid plasma experiments

Haruhiko Himura, Associate Professor of Kyoto Institute of Technology



17:20-17:30

Break

17:30-18:00

Summary discussion

Moderator: Yasuaki Hayashi, Professor of Kyoto Institute of Technology



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