

# Poster Session Programme

Session 1: 15th September Monday, 13:30 - 14:30

Venue: room No. 163, (Faculty of Engineering Bldg. No.6. 1F)

\*See p4-6 for venue

Abstract No.	Presenting Author (Affiliation, Country) "Title"
15-P01	F. Linez (Aalto University, Finland) "In-situ positron lifetime measurements of defects induced by 10 MeV-H+ irradiation at 30 K in 6H-SiC single crystal"
15-P02	E. Korhonen (Aalto University, Finland) "Vacancy defects in homo- and heteroepitaxial Ga <sub>2</sub> O <sub>3</sub> thin films"
15-P03	O. Melikhova (Charles University in Prague, Czech Republic) "Defect Studies of Zirconia Implanted by High Energy Xe Ions"
15-P04	F. A. Selim (Bowling Green State University, USA) "Positron Lifetime in Hydrogenated and Neutron Irradiated ZnO"
15-P05	Y. Yamamoto (Osaka Prefecture University, Japan) "Study on lattice defects in CeO <sub>2</sub> by means of positron annihilation measurements"
15-P06	P. Husband (Bowling Green State University, USA) "Positron Annihilation in Transparent Ceramics"
15-P07	W. Shi (Delft University of Technology, The Netherlands) "Ligand-surface interactions and surface oxidation of colloidal PbSe and CdSe quantum dots revealed by thin-film positron annihilation methods"
15-P08	D. Cohen (Hebrew University of Jerusalem, Israel) "Design of the Slow Positron Facility (SPOT) in Israel"
15-P09	J. Heikinheimo (Aalto University, Finland) "Monte Carlo Analysis of the Germanium Detector Performance in Slow Positron Beam Experiments"
15-P10	Y. Ueno (Osaka Prefecture University, Japan) "Positron annihilation Doppler broadening measurement by using a LCS-gamma beam generated at photon factory"
15-P11	S. Mizuno (Kyoto University, Japan) "Observation of dynamic relaxation processes of ion damage in fused quartz with pulsed positron beams"

15-P12	K. Nagumo (Tohoku University, Japan) “The Development of an Age-Momentum Correlation Apparatus Using an Avalanche Photodiode”
15-P13	H. Ogawa (National Institute of Advanced Industrial Science and Technology «AIST», Japan) “Development of a magnetic field termination device for focusing slow positron beams”
15-P14	B. E. O'Rourke (National Institute of Advanced Industrial Science and Technology «AIST», Japan) “Development of a vertical, slow positron beamline facility at AIST”
15-P15	Jean-Michel G Rey (IRFU, CEA, CE Saclay / POSITHÔT, France) “New Positron Generator Development for Materials Science Laboratories”
15-P16	S. Aghion (Politecnico di Milano, Italy) “Positronium production in transmission geometry”
15-P17	M. Fujinami (Chiba University, Japan) “The pores in silica glasses probed by a positronium”
15-P18	A. Kinomura (National Institute of Advanced Industrial Science and Technology «AIST», Japan) “Temperature Dependence of ortho-Positronium Lifetimes in Cardo-based Polymer Membranes”
15-P19	László Liskay (IRFU CEA Saclay, France) “Porosity and defect studies of thin nanoporous films by ortho-positronium lifetime spectroscopy”

## Session 2: 16th September Tuesday, 13:30 - 14:30

Venue: room No. **163**, (Faculty of Engineering Bldg. No.6. 1F)

\*See p4-6 for venue

Abstract No.	Presenting Author (Affiliation, Country) “Title”
16-P01	R. Krause-Rehberg (University Halle, Germany) “A digital lifetime spectrometer”
16-P02	K. Ikeda (Chiba University, Japan) “Positron annihilation spectroscopy in the hydrogen-induced superabundant vacancies in the electrodeposited metallic films”
16-P03	C. Shi (Tsinghua University, China) “Thermal Annealing Behavior of Irradiation Induced Defects in ETU10 Nuclear Graphite Studied by Positron Annihilation”
16-P04	T. Yoshiie (Kyoto University, Japan) “Ni Ion Damage Structures and Hardness Changes in Austenitic Stainless Steels and their Model Alloys”

16-P05	X.Z. Cao (Institute of High Energy Physics, CAS, China) "Evolution of defects in Fe-Cu alloys studied using positron annihilation lifetime spectroscopy"
16-P06	P. Desgardin (CNRS, UPR3079 CEMHTI / Université d'Orléans, France) "Positron study of vacancy defects and their interaction with yttrium in irradiated iron for understanding ODS clusters formation"
16-P07	M. Kawaguchi (Chiba University, Japan) "Positron annihilation spectroscopy on the strained iron samples under hydrogen environment"
16-P08	Yasumasa Mutou (Kyoto University, Japan) "Vacancy clustering behaviour in hydrogen-charged martensitic steel under tensile deformation"
16-P09	V. Krsjak (Paul Scherrer Institut, Switzerland) "PAS comparison of ferritic/martensitic steels irradiated in a spallation target and a fission reactor"
16-P10	K. Sato (Kyoto University, Japan) "Identification of Trapping Site of Deuterium in Tungsten by Positron Annihilation Lifetime Measurements and Thermal Desorption Spectroscopy"
16-P11	K. Siemek (Institute of Nuclear Physics PAS, Poland) "Thermal stability of nanocrystalline aluminium alloys after hydrostatic extrusion process"
16-P12	M. Vlcek (Charles University in Prague, Czech Republic) "Early stages of precipitation in Mg-RE alloys studied by positron annihilation spectroscopy"
16-P13	J. Lin (Kanazawa University, Japan) "Density functional study of spin polarized positron lifetimes in ferromagnets"
16-P14	M. Mizuno (Osaka University, Japan) "Study of vacancy-solute atom clusters in aluminum alloys by first-principles calculations and positron annihilation"
16-P15	T. Ishiyama (Osaka Prefecture University, Japan) "Study of local structure in hyper-eutectic Zr-Cu-Al bulk glassy alloys by positron annihilation techniques"
16-P16	Hikari Kadono (Kyoto University, Japan) "Defect Study on Fatigued Stainless Steel by Positron Lifetime Spectroscopy"
16-P17	Kazuki Sugita (Kyoto University, Japan) "Microstructural change during creep exposure in ferritic heat resisting steel"