

1st International Conference on Frontiers in Diagnostic Technologies

Wednesday, 25 November 2009

Poster Session and Coffee break: Poster Session and Coffee break - Hall (16:00 - 16:45)

time	[id] title	presenter
16:00	[1] Lidar fluorosensor technique for remote and in-situ seawater quality monitoring	Dr PALUCCI, Antonio
16:00	[167] Design of high resolution Thomson scattering diagnostic system on COMPASS tokamak	BÍLKOVÁ, Petra
16:01	[5] A spectrometer for pulsed and continuous electron and photon radiation	Dr BEHRENS, Rolf
16:02	[2] LASER SCANNING FLOW CYTOMETER FOR SMALL PARTICLES CHARACTERIZATION AND IDENTIFICATION	Dr PALUCCI, Antonio
16:03	[3] Optical diagnostic of the Earth's atmosphere by laser radar	Dr FIORANI, Luca
16:04	[6] On the distribution function of electron spectra from plasmas	Dr BEHRENS, Rolf
16:05	[63] Deconvolution of the spectral line profiles for the plasma temperature estimation	Mrs ZORINA, Natalja
16:06	[72] Determination of helium number densities in high-frequency electrodeless plasma	Ms GAVARE, Zanda
16:07	[74] Calibration of portal imaging device for radiotherapy in-vivo dosimetry	Prof. PIERMATTEI, Angelo
16:08	[110] Robust reflectometric measurements in the presence of density fluctuations	Mr DE MASI, Gianluca
16:09	[75] Study of electron beams within ISTTOK tokamak by means of a multi-channel Cherenkov detector; their correlation with hard X-rays	Dr JAKUBOWSKI, Lech
16:10	[76] Feasibility study of ECE measurement in JT-60SA	Dr SATO, Masayasu
16:11	[78] Diagnostics for the Physics of Energetic Particles on HL-2A	Prof. DING, xuantong
16:12	[79] Mach probe measurement of peripheral plasma rotation evolution during LH transition and ITB decay in the TUMAN-3M tokamak	Dr ASKINAZI, Leonid
16:13	[81] Diagnostics of the influence of levitating microparticles on the radiofrequency argon plasma	Dr PUSTYLNİK, Mikhail
16:14	[82] Soft X-Ray measurements in magnetic fusion plasma physics	Dr BOTRUGNO, Antonio
16:15	[83] Neutron Radiography	Dr BOTRUGNO, Antonio
16:16	[84] Photoacoustic spectroscopy of standard explosives in the MIR region	Dr GIUBILEO, Gianfranco
16:17	[85] Diagnostic technology for early detection of pathogen infestation	Dr PUIU, Adriana
16:18	[87] Single Crystal Artificial Diamond Detectors for VUV and soft X-Rays Measurements on JET Thermonuclear Fusion Plasma.	Dr PILLON, mario
16:19	[166] Pin-Hole Array production and detailed data analysis for advanced single-shot X-ray imaging of laboratory plasmas.	Dr LEVATO, Tazio
16:20	[89] Spherically bent crystal for x-ray imaging of laser produced plasmas	Mr MORACE, Alessio
16:21	[90] Detection and tracking of snow flakes in JET plasma video images	Mr LUKYANITSA, Andrey

16:22	[91] LIBS spectroscopy of the impurity concentration depth profile in wall tiles	Prof. TALE, Ivars
16:23	[92] High Reflective Mirrors For In-Vessel Applications In ITER	Mr RAZDOBARIN, Aleksei
16:24	[93] Observation of High Energy epithermal Electrons by Using Small-Angle Thomson Scattering	Dr POPOV, Sergei
16:25	[94] Non-statistical population of magnetic sub-levels of hydrogen beam in fusion plasmas	Dr MARCHUK, Oleksandr
16:26	[96] Kinetic Energy Measurement of Hydrogen in LHD Peripheral Plasma with a Multi-wavelength-range Fine-resolution Spectrometer	Mr FUJII, Keisuke
16:27	[97] Spectra of Highly Charged Tungsten Ions in a JT-60 Plasma at an ITER-relevant Electron Temperature	Mr YANAGIBAYASHI, Jun
16:28	[98] Construction of coronal models for H α and I-B transitions for the evaluation of ro-vibrational temperatures	Dr SHIKAMA, Taiichi
16:29	[99] Diagnostics of heavy impurities at GOL-3 facility	Dr POPOV, Sergei
16:30	[100] Optical emission spectroscopy study of the plasma spot	Dr ANTONOVA, Tetyana
16:31	[101] 3D optical diagnostics for the study of dust particle clusters	Dr ANTONOVA, Tetyana
16:32	[102] X-ray GEM Detectors for High Resolution Spectroscopy and Position Control in Burning Plasma Experiments	Dr BOMBARDA, Francesca
16:33	[103] Calibration of Thomson parabola – MCP assembly for multi-MeV ion spectroscopy	Mr PRASAD, Rajendra
16:34	[104] Design of multi-range tomographic system for transport studies in tokamak plasmas	Dr WEINZETTL, Vladimir
16:35	[133] Recent design study of ITER X-ray survey spectrometer	Dr VARSHNEY, Sanjeev Kumar
16:36	[106] Spectroscopic diagnostics for the negative ion RF source SPIDER	Dr PASQUALOTTO, Roberto
16:37	[107] Modelling of the signal processing electronics of the JET interferometer-polarimeter	Dr GELFUSA, Michela
16:38	[108] Ion diagnostics for laser plasma experiments	Dr TER-AVETISYAN, Sargis
16:39	[109] Modeling and optimisation of ion gauges for magnetic nuclear devices	Dr SCARABOSIO, Andrea
16:40	[111] A new 3D viewer as an interface between the ASDEX Upgrade CAD models and data from plasma modelling and experiment	Dr LUNT, Tilmann
16:41	[113] Collective Thomson Scattering on FTU: results and future prospects	Dr GROSSETTI, Giovanni Francesco
16:42	[114] Observations and analysis of FTU plasmas by video cameras	Dr DIMATTEO, Lucy
16:43	[115] Localisation of MHD modes and consistency with q profiles in JET	Dr DE ANGELIS, Riccardo De Angelis
16:44	[119] Novel applications and methods of Microwave and Far Infrared diagnostics for Science and Technology.	Mrs ZERBINI, Marco
16:44	[122] The RFX-mod 3-D time resolved pellet imaging system	Mr MUNARETTO, Stefano
16:44	[128] Lithium Fluoride Thin Films Detectors for Soft X-Ray Imaging at High Spatial Resolution	Dr MONTEREALI, R.M.
16:44	[125] First Mirrors Test in JET for ITER: An Overview of Optical Performance and Surface Morphology	Mrs RUBEL, Marek
16:44	[129] A Diagnostic Study of Discharge in Hollow Cathode Plasma Jet System in Pulsed Regime	Dr KLUSON, Jan