

## 8 Contribution to conferences and workshops

P. Batistoni, M. Angelone, U. Fischer, D. Leichtle, A. Klix, W. Pohorecki, A. Trkov, R. Villari, *Design optimisation and measuring techniques for the neutronics experiment on a HCLL-TBM mock-up*, 25-th Symposium on Fusion Technology, Rostock, Germany, 15-19.09.2008

Ł. Ciupiński, G. Krzesiński, K. Kurzydłowski, P. Marek, T. Zagrajek, V. Bykov, P. Czarkowski, W. Daenner, A. Dudek, and F. Schauer, *Evaluation of the structural mechanical behaviour of W7-X central support connections by means of semi-automated FE analysis*, 25th Symposium on Fusion Technology, Rostock, Germany, 15-19.09.2008

F. Dubecký, P. Boháček, B. Zaťko, T. Lalinský, Š. Chromík, M. Ladzianský, V. Nečas, L. Ryć, and A. Weller, *Performace study of bulk semi-insulating GaAs radiation detectors: role of ohmic contact metallization*, International Conference on Applications of Nuclear Techniques (ANT08), Crete, Greece, 08-14.09.2008

P. Gąsior, M. Kubkowska, *Used of pulsed lasers at IPPLM*, Meeting of SEWG on fuel removal, Culham, UK, 22-23.07.2008

P. Gąsior, *Optical spectroscopy at IPPLM. Possibilities of collaboration between IPPLM and FZJ Juelich*, Workgroup seminar at FZJ Juelich, Juelich, Germany, 09.12.2008

P. Gąsior, et. al, *Laser-induced removal of co-deposits from graphitic plasma-facing components: Characterization of irradiated surfaces and dust particles*, 18th PSI Conference, Toledo, Spain, 26-30.05.2008

P. Gąsior, J. Wołowski, M. Kubkowska, *Plan of activities in the framework of JW-FT-2.31 task*, Kick-off Meeting of the JET Task: Fusion Technology JW-FT-2.31, Warsaw, Poland, 28.01.2008

P. Gąsior, J. Wołowski, *Development of various diagnostic methods for dust characterization*, 1st Semiannual Monitoring Meeting on Fusion Technology Tasks, Culham, UK, 12-13.06.2008

P. Gąsior, J. Wołowski, M. Kubkowska, *Development of various diagnostic methods for dust characterization*, 2nd Semiannual Monitoring Meeting on Fusion Technology Tasks, Culham, UK, 03-04.12.2008

P. Gąsior, et. al, *Laser-induced removal of co-deposits from graphitic plasma-facing components: Characterization of irradiated surfaces and dust particles*, 18th PSI Conference, Toledo, Spain, 26-30.05.2008

A. Kasperczyk, T. Pisarczyk, M. Kalal, J. Ullschmied, E. Krouscky, K. Masek, M. Pfeifer, K.Rohlena, J. Skala, P. Velarde, M. Gonzalez, C. Garcia, E. Oliva, and P. Pisarczyk, *Direct and indirect methods of the plasma jet generation.*, 35<sup>th</sup> EPS Conference on Plasma Physics, Hersonissos, Crete, Greece, 09-13.06.2008

Yu.A. Kravtsov, B. Bieg, Z.H. Czyz., *Complex Polarization Angle: Basic Properties and Applications in Microwave Plasma Diagnostics*, International Radar Symposium IRS-2008, Wroclaw, Poland, 21-23.05.2008

Yu.A. Kravtsov, B. Bieg, *Progress in the theory of microwave plasma polarimetry*, Seventh Kudowa Summer School "Towards Fusion Energy: Plasma Physics, Diagnostics, Technology", Kudowa Zdroj, Poland, 20-24.06.2008

Yu.A. Kravtsov, B. Bieg, *Polarization transformations in the vicinity of orthogonality point in the inhomogeneous magnetized plasma*, 16th Polish-Czech-Slovak Optical Conference on Wave and Quantum Aspects of Contemporary Optics, Polanica Zdroj, Poland, 08-12.09.2008

Yu.A. Kravtsov, M.V. Tinin, K. Makles, *Super Fresnel resolution of phase screen fine structure: tomography-like approach*, 16-th Polish-Czech-Slovak Optical Conference on Wave and Quantum Aspects of Contemporary Optics, Polanica Zdroj, Poland, 08-12.09.2008

Yu.A. Kravtsov, M.V. Tinin, A.V. Kulizhsky, *Method for super Fresnel resolution in electromagnetic diagnostics of inhomogeneous plasma*, 25<sup>th</sup> Symposium on Fusion Technology (SOFT2008), Rostock, Germany, 14-19.09.2008

Yu.A. Kravtsov, *Recent progress in the theory of microwave plasma polarimetry*, Greifswald-Szczecin Mini-Workshop "Current topics in plasma waves", Szczecin, Poland, 11.06.2008

Yu.A. Kravtsov, *Microwave tomography of plasma.*, Greifswald-Szczecin Mini-Workshop "Current topics in plasma waves", Szczecin, Poland, 11.06.2008

A.T. Krawczyńska, M. Rasiński, M. Lewandowska, K. J. Kurzydłowski, *Microstructure characterisation of nanostructured Eurofer 97 steel*, 29th Riso International Symposium on Materials Science, Riso, Dania, 01.08.-05.09.2008

A. Malinowska, A. Szydłowski, M. Jaskola, A. Korman, B. Sartowska, *Calibration and application of modern track detectors CR-39/PM-355 in nuclear physics and high temperature plasma experiments*, Recent Developments and Applications of Nuclear Technologies, Białowieża, Poland, 15-17.09.2008

V.V. Plyusnin, L. Jakubowski, J. Żebrowski, H. Fernandes, C. Silva, P. Duarte, K. Malinowski, M. Rabiński, M.J. Sadowski, *Detection of runaway electrons using Cherenkov-type detectors in the ISTTOK Tokamak*, 35th EPS Conference on Plasma Phys., Hersonissos, Greece, 09-13.06.2008

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Summary report of works in the framework of the task based on the overall group activities given by R. Neu, *High Z plasma facing components*, EU PWI meeting, Frascati, Italy, 27-30.10.2008

Summary report of works in the framework of the task based on the overall group activities given by P. Coad, *Tritium removal and mitigation*, EU PWI meeting, Frascati, Italy, 27-30.10.2008

Summary report of works in the framework of the task based on the overall group activities given by Ch. Grisolia, *Dust in fusion devices*, EU PWI meeting, Frascati, Italy, 27-30.10.2008

C. Silva, H. Fernandes, C. Varandas, D. Alves, B.B. Carnavalho, J. Carnavalho, P.A. Carnavalho, R. Coelho, A. Duarte, P. Duarte, H. Figueiredo, J. Fortunato, R. Gomes, B. Concalves, I. Niedzelskij, A. Neto, T. Pereira, V. Plyusnin, D. Valcarel, P. Balan, C. Jonita, R. Schrittwieser, J.B. Correia, V. Livramento, O.O. Lielausis, A. Klyukin, E. Platacis, A. Sharakovski, I. Tale, T. Lunt, M. Gryaznevich, G. VanOost, M. Hron, A. Malaquias, N. Dreval, A. Melnikov, P. Khorshid, C.R. Gutierrez-Tapia, W. Sa, M. Kolokoldarov, A. Czarnecka, L. Jakubowski, J. Żebrowski, K. Malinowski, M.J. Sadowski, *Overview of recent ISTTOK results*, 22 IAEA Fusion Energy Conference, Geneva, Switzerland, 13-18.10.2008

U. Wiącek, K. Drozdowicz, B. Gabańska, R. Miklaszewski, V. Gribkov, *Monte Carlo simulations of scattering and detection of pulsed neutrons from a plasma-focus source for detection of hidden illicit materials*, 23-rd Symposium on Plasma Physics and Technology, Prague, Czech Republic, 16-19.06.2008

J. Wołowski, P. Gąsior, M. Kubkowska, *Removal of co-deposited layers by laser and dust characterization*, Task Force Fusion Technology General Meeting, Culham, UK, 23-24.04.2008