



N.C.S.R. "DEMOKRITOS"

INSTITUTE OF NUCLEAR TECHNOLOGY AND RADIATION PROTECTION

Plasma Physics Research Team

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Staff:

- M. Tsalas - Researcher

Scientific Interests:

- Diagnostic methods in magnetic confinement devices.
- Plasma-surface interactions, scrape-off layer and divertor physics.

Publications in Fusion:

- M. Tsalas, N. Tsois, V. Rahde, J. Neubauer and H. ASDEX Upgrade, *Plasma Phys. Contr. Fusion*, **47**, 1055 (2005)
- E. L. Kakoulidis, N. Tsois and E. Tsarlis, *Proceedings of Plasma Physics 60*, 100 (2006)
- N. Tsois, C. Dorn, G. Kyriakidis, M. Markogiaki, M. Pflüger, G. Salsae, *Plasma Phys. Contr. Fusion*, **48**, 1055 (2006)
- M. Tsalas, A. Herrmann, A. Kallphausch, H. W. Müller, P. Neuhart, *Plasma Phys. Contr. Fusion*, **48**, 1055 (2006)
- M. Tsalas, D. Coster, C. Fuchs, A. Herrmann, A. Kallphausch, *Plasma Phys. Contr. Fusion*, **48**, 1055 (2006)

Annual Reports:

- Annual Report 1999-2000 [2b\) Diagnostics and modelling of boundary layer plasmas and wall effects](#)
- Annual Report 2001 [2b\) Diagnostics and modelling of boundary layer plasmas and wall effects](#)

- [Annual Report 2002](#) [2b\) Diagnostics and modelling of boundary layer plasmas and wall effects](#)
- [Annual Report 2003](#) [2b\) Diagnostics and modelling of boundary layer plasmas and wall effects](#)
- [Annual Report 2004](#) [2b2\) Modification of Langmuir probe hardware and software](#)
- [Annual Report 2005](#) [2b1\) Diagnostics and modelling of ASDEX-Upgrade SOL and divertor plasma](#)
 - [2b2\) Modification of Langmuir probe hardware and software](#)
 - [2b3\) Neutron spectral measurements in JET](#)
- [Annual Report 2006](#) [2b1\) Diagnostics and modelling of ASDEX-Upgrade SOL and divertor plasma](#)
 - [2b2\) Neutron spectral measurements at JET using an NE213 organic scintillator](#)

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