

14th Int. Conference on the Physics of Non-Ideal Plasmas Rostock, September 9-14, 2012



Invitation

Please join us at the XIV International Conference on the Physics of Non-Ideal Plasmas, September 9 to 14, 2012 at the Steigenberger Hotel Sonne in Rostock, Germany.



This conference continues the traditional series of PNP meetings, which are dedicated to the theoretical and experimental research of the physics of dense non-ideal plasmas since 1980. The event will feature cutting-edge sessions and some review lectures.

Programming includes invited speakers and poster sessions in the main areas of non-ideal plasmas including:

- **Statistical physics and ab-initio simulations**
- **Producing non-ideal plasmas (optical lasers, free electron lasers, heavy-ion beams, Z machine, high explosives etc.)**
- **Diagnostics of non-ideal plasmas (e.g. x-ray scattering, line shapes, stopping power, emission and absorption)**
- **Equilibrium properties, equation of state and phase transitions**
- **Kinetics, transport and optical properties**
- **Dense astrophysical and ICF plasmas**
- **Ultra-intense laser-matter interaction**
- **Dusty plasmas**

The event venue is located in the heart of the old Hanseatic town Rostock. The historic downtown, the main University building and the harbor are just a short walk away.

Deadlines and important dates

Abstract submission	15 April 2012
Final programme	20 June 2012
Early registration	01 July 2012
Welcome reception	09 September 2012, 6 pm
Conference starts	10 September 2012, 9 am
Conference ends	14 September 2012, 1 pm

Local Organizing Committee

Chairman: R. Redmer
D. Bauer, A. Becker, T. Bornath, W. Dulinski,
W.-D. Kraeft, W. Lorenzen, R. Püstow, P. Sperling

Program Committee

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T. Ramazanov (Almaty), R. Redmer (Rostock),
H. Reinholz (Rostock), R. Sauerbrey (Dresden),
M. Schlanges (Greifswald),
P.P.J.M. Schram (Eindhoven),
I.M. Tkachenko (Valencia),
T. Tschentscher (Hamburg)

Proceedings

The proceedings of the conference will be published in Contributions to Plasma Physics. All papers will be refereed and processed as usual.



Further information is available at
pnp14.uni-rostock.de

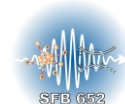
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