



4th IAEA-Technical Meeting on the Theory of Plasma Instabilities

May 18-20, 2009

**Clock Tower Centennial Hall
Kyoto University, Kyoto, Japan**

1st announcement

Home Page <http://tm-tpi2009.nifs.ac.jp/>
<http://www.kyoto-u.ac.jp/en/clocktower>

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Session and Topics Title

The meeting will focus on the theory and numerical simulation for burning plasma emphasizing multi-scale phenomena, which covers

- **Overview : State of the art of multi-scale physics for understanding burning plasmas**
- **Linear and nonlinear instabilities and their theoretical/computational methodologies**
- **Core/edge turbulent transport and their theoretical/ computational understanding**
- **Magneto-hydrodynamic (MHD) instability including energetic particle physics**
- **Physics and modeling of multi-scale interactions and their impact on the plasma performance**

Panel discussion “Theoretical plasma physics for the ITER ERA” will be organized under interdisciplinary aspects including related academic fields (Tentative).

Important Dates

- Abstract submission from 1 February to 28 February, 2009 (e-mail : Physics@iaea.org)
- More information <http://tm-tpi2009.nifs.ac.jp/>

Information and Contact

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