



# Plasma Physics with Intense Laser and Heavy Ion Beams

## Thursday 14 May 2009

### Session 1. Fundamental processes under the action of intense laser and ion beams (09:30-11:30)

time	[id] title	presenter
09:30	[0] Overview of plasma physics and atomic physics activities at GSI	STÖHLKER, Thomas
10:00	[1] EOS of strongly coupled quark-gluon plasma. Path-integral Monte Carlo simulations	FILINOV, Vladimir S.
10:30	[2] Investigation of equations of state and phase transitions of substances at high energy densities with PHELIX	KHISHCHENKO, Konstantin V.
11:00	[3] Secondary sources generated by short intense laser pulses: high energy particles and radiation	ANDREEV, Nikolay E.