

# Joint Meeting of Pacific Region Particle Physics Communities

Wednesday 01 November 2006

## Hot and Dense QCD - Hilo (08:00-10:00)

*Chair: M. Natsuume*

- **Conveners: Dr. HONG, Deog Ki; Dr. JACAK, Barbara; Dr. RAJAGOPAL, Krishna**

[Click here to view abstracts and presentation materials for this session.](#)

Time	Title	Presenter
08:00	Vacuum Energy in Dense Matter	ZHITNITSKY, Ariel
08:50	Analysis of the Phase Structure of Thermal QED through the HTL Resummed Dyson-Schwinger equation --- A Gauge Invariant Solution ---	YOSHIDA, Koji
09:25	Color Superconducting Phase and Radius of Dense Star in Dimensional Regularized Extended NJL Model	INAGAKI, Tomohiro

## Hot and Dense QCD - Hilo (10:30-12:30)

*Chair: A. Zhitnitsky*

[Click here to view abstracts and presentation materials for this session.](#)

Time	Title	Presenter
10:30	Gauge theory plasmas from string theory	NATSUUME, Makoto
11:20	Thermal operator representation of thermal field theory	KOHYAMA, Hiroaki
11:55	Ferromagnetism of quark matter in the two-flavor color superconducting phase	INUI, Masahiro