

## 極限状態下での量子色力学

Quantum Chromodynamics at Extreme Conditions

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Quantum Chromodynamics (QCD) in hot and/or dense environment will be reviewed. In particular, the present theoretical status of the deconfinement phase transition, the chiral phase transition, and the color superconductivity is discussed from the point of view of the quark-gluon dynamics. Relations to the relativistic heavy ion experiments and to the observation of compact stars will be also touched.

Nov. 2 (Thu), 2006 13:30-  
Nishina Hall

*The Colloquium will be given in Japanese.*  
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