



## 592<sup>nd</sup> ASRC Seminar

Date: 13:30 ~ , 13 May

Location: Meeting Room 103, ASRC bldg.

Speaker: Dr. Shinichi Esumi (Tsukuba University)

Title: Recent QGP studies at LHC/RHIC and future plans at Fair/J-parc

Recent results from high-energy heavy-ion collisions at RHIC and LHC will be presented especially on collective properties of Quark Gluon Plasma (QGP), and partonic energy-loss of high  $p_T$  probes inside QGP such as jet quenching, as well as interplay between hard and soft processes. Possible formation of collectivities even in a small systems will further be discussed based on the recent multiplicity dependent analysis with pp, pA and dA collision data from RHIC and LHC, which could be caused by initial density. Current beam energy scan program at RHIC energy will also be discussed in connection with the future lower-energy heavy-ion collision programs at Fair and J-parc.

なお、今回のセミナーは、第53回「原子核ハドロン物理セミナー」を兼ねております。セミナー内容は  
[http://silver.j-parc.jp/hadron/hadron\\_seminar/index.html](http://silver.j-parc.jp/hadron/hadron_seminar/index.html)でご覧になれます。



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