

721th ASRC Seminar

Date: 14:00~16:00 Tue., Jul 17

Location: 302 Meeting Room, ASRC Bldg.

Speaker: Dr. Atsushi Nakamura
(Far Eastern Federal University)

Title: Promised lands for revealing QCD phase
— J-PARC and NICA

Abstract:

I will discuss why J-PARC and NICA are promising places for studying high density hadron/quark state through heavy ion-collisions. Lattice group at FEFU (Far Eastern Federal University) has developed a code for the finite density QCD based on the canonical approach. This might be a break through for beating the sign problem, which is a famous obstacle in the finite density QCD simulations.

Together with this first principle QCD simulations, outcomes from J-PARC, NICA (and probably CBM@GSI) will open a new age of finite density baryonic states.

なお、今回のセミナーは、第72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
でご覧になれます

<Contact>

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