



589th ASRC Seminar

Date: 13:30 ~ , 20 April

Location: Meeting Room 302, ASRC bldg.

Speaker: Dr. Atsushi Hosaka (Osaka University)

Title: Quark dynamics studied in charmed baryons

We discuss the properties of charmed baryons as light and heavy quark systems.

A heavy quark resolves the degeneracy of the two internal motions of light quark systems for low lying excitations. We argue that this will be useful to analyze the quark dynamics in hadrons.

We also discuss the productions and decays of charmed baryons to test the above features in the future J-PARC experiments.

なお、今回のセミナーは、第41回「原子核ハドロン物理セミナー」を兼ねております。またKEK, J-PARC素粒子原子核セミナーとの共催です。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。



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