



591st ASRC Seminar

Date: 13:30 ~ , 12 May


Location: Meeting Room 302, ASRC bldg.

Speaker: Dr. KIM HyunChul (Osaka University)

Title: A novel concept of hadron form factors

In the present talk, I would like to review how a novel concept of hadron form factors have been developed over a last couple of decades. Starting with traditional definition and properties of the electromagnetic form factors of the nucleon, which are only correct nonrelativistically to have correct probabilistic interpretation, I introduce a modern understanding of hadron form factors: They are defined in such a way that they yield unequivocally probabilistic meaning in the transverse plane to the moving direction of hadrons. Having reviewed this modern interpretation of hadron form factors, I discuss the results from a series of recent works on the form factors and the corresponding transverse charges and spin structures. I will finally give some personal outlook on a future development of hadron form factors both experimentally and theoretically.

なお、今回のセミナーは、第42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>
Kiyoshi Tanida (81-5361)
Advanced Science Research Center

