

658th ASRC Seminar

Date: Monday, December 12, 13:30 ~ 15:00

Location: Room 302, ASRC bldg.

Speaker: Dr. Hiroyuki Kamano (KEK)

Title: Spectroscopy of $S = -1$ hyperon resonances with antikaon-induced meson-production reactions

•Abstract: I will present our recent effort for a spectroscopic study of Lambda and Sigma (Y^*) hyperon resonances through a comprehensive analysis of antikaon-induced meson-production reactions off the proton and deuteron targets within a dynamical coupled-channels approach. I will also discuss what new data of antikaon-induced reactions are necessary for a further establishment of Y^* resonance mass spectrum, with emphasis on the important role of J-PARC to obtain such new data.

なお、今回のセミナーは、第56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