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News from JYFL and studies of $0^+ \rightarrow 0^+$ decays

Friday, 9 December 2016 11:45 (30 minutes)

In this talk, I will give an overview of activities in the accelerator laboratory of University of Jyväskylä (JYFL) and most recent studies related to superallowed $0^+ \rightarrow 0^+$ beta decays. Related to JYFL, I will mainly focus on mass measurements performed with the IGISOL ion guide technique and JYFLTRAP Penning trap combination, show news related to vacuum mode recoil separator MARA and also insight into the new ECR ion source HIISI development. In the $0^+ \rightarrow 0^+$ decays I will show the most recent Q-value, branching ratio and half-life measurement results and what is currently going on in the world in these studies.

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Session Classification: Fundamental Interactions & Results From Other Laboratories