

**Report for *Physics with Neutral Kaon Beam at JLab* (KL2016) Workshop**  
Jefferson Lab, Newport News, VA, USA  
February 1-3, 2016

The **KL2016** Workshop was followed Lol12-15-001 *Physics Opportunities with Secondary  $K_L^0$  beam at JLab* and dedicated to the physics of hyperons produced by the neutral kaon beam on unpolarized and polarized targets with GlueX set up in JLab Hall D. The emphasis was on the hyperon spectroscopy. Such studies will contribute to the existing scientific program on hadron spectroscopy at Jefferson Lab. The Workshop was addressed the comments made by the PAC43, and to prepare the full proposal for the coming PAC44 in summer of 2016.

First, we brought experts together who are presently involved in Hyperon Physics. We had all opinions formulated, expressed, presented in a checkable and reproducible form, and widely discussed. At this point, we also discussed the mechanism of dynamically generated hyperon resonances as an alternative to genuine resonances, typically described within quark models. Discussions in the sessions of the workshop and outside meetings with the leaders in the field gave a great benefit to graduate students and young professionals attended the meeting. Overall, **60** researchers attended **KL2016** Workshop (**11** of them are graduate students and postdoctoral fellows) and some of them gave talks, **30** talks.

The web page of the conference: <https://www.jlab.org/conferences/kl2016/index.html> contains all presentations. Mini-Proceedings will be submitted to arXiv in April, 2016.

Organizing Committee:

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