

JSA Initiatives Fund Request for Supplemental Support of the BARYONS 2016 Conference – Final Report

Event Title	The 14th International Conference on the Structure of Baryons held May 16-20, 2016, at Florida State University
Proposal Authors	Volker Crede and Winston Roberts
Awarded Funds	\$5,000
Dates	Florida State University, May 16-20, 2016.

Executive Summary

The 14th International Conference on the Structure of Baryons (BARYONS 2016) was hosted by the Florida State University in Tallahassee, Florida, from 16th May to 20th May, 2016. The International Advisory Committee of the previous conference took this decision shortly after the conference in 2013 in Glasgow, Scotland. The Tallahassee meeting was the latest of a series of successful conferences, which started in 1970 at Duke University and takes place every three years. The scope of the meeting is to bring together theoretical and experimental experts on all areas of physics relevant to baryon spectroscopy, nucleon structure, and related aspects of hadron dynamics.

The BARYONS 2016 Conference was attended by 115 participants representing 61 institutions, the meeting agenda comprised 105 presentations. The conference had (mostly) plenary sessions with invited speakers in the morning and three sessions in parallel in the afternoon with contributed and additional invited presentations. One afternoon during the conference, Wednesday, May 18th, was reserved for an excursion. The organizers invited a total of 22 senior plenary speakers who addressed – including all the parallel sessions – the foundation of Jefferson Lab’s current physics program. The topics discussed were:

- Electromagnetic and Weak Interactions
- Spectroscopy of Light- and Heavy-Flavor Hadrons (including Exotic Hadrons)
- Hadron Structure (including Hadron Polarizabilities)
- Hadron-Hadron Interactions
- Recent Approaches to Non-Perturbative QCD

An additional afternoon was reserved for three invited sessions:

- Spin Physics and Future Opportunities at the EIC
- Physics of Hyperons
- Light-Meson Decays

The awarded JSA funds were used to support the participation of young scientists, in particular of graduate students and postdocs, by (mostly) waiving the conference fee. The organizers take pride in the total number of about 21 graduate students and an equal number of postdocs attending BARYONS 2016. The following conference participants were supported with JSA funds and received a fee waiver:

1. Ms. Farah Afzal, HISKP, University of Bonn, Germany
2. Mr. Zulkaida Akbar, Florida State University
3. Dr. John Bulava, Trinity College Dublin, Ireland
4. Dr. Maxime Defurne, CEA Saclay, France (junior staff scientist)
5. Mr. Florian Hauenstein, Research Center Jülich, Germany
6. Dr. Li Yang, Iowa State University (postdoc)
7. Dr. Elena Long, University of New Hampshire (postdoc)
8. Ms. Aneta Net, University of South Carolina
9. Dr. Kijun Park, Jefferson Laboratory (junior staff scientist)
10. Mr. Stefan Petschauer, Technical University of Munich, Germany
11. Mr. Yannik Wunderlich, HISKP, University of Bonn, Germany
12. Ms. Astrid Hiller Blin, IFIC / CSIC / University of Valencia, Spain
13. Mr. Daniel Lersch, Research Center Jülich, Germany
14. Mr. Jan Hartmann, HISKP, University of Bonn
15. Dr. Vahe Sokhoyan, University of Mainz

Moreover, the organizers used the remaining funds to support the hotel expenses for Mr. Ross Tucker, Arizona State University.