

Volker Crede, Florida State University

Professional Preparation and Positions

Associate Professor, Florida State University, 2011-present
Assistant Professor, Florida State University, 2005-2010
Visiting Scientist (Feodor-Lynen Fellow), Wilson Laboratory, Cornell University, 2004
Research Associate, Helmholtz-Institute, University of Bonn, 2001-2003
Ph.D. Physics, University of Bonn, 2000
Physics Diploma, Ruhr-University Bochum, 1996

Research Community Service & Contributions to the JLab Scientific Program

Referee for various granting agencies, journals: NSF, DOE, Phys. Rev. C, Physics Letters B, etc.
10th International Workshop on the Physics of Excited Nucleons (NSTAR 2005), Organizer
13th International Conference on Hadron Spectroscopy (HADRON 2009), Co-Chair
International Conference on the Structure of Baryons (Baryons 2016), Co-Chair
Member of Exec. Committee of the APS Topical Group on Hadronic Physics (GHP), 2010-2012
Member of the DNP Program Committee, 2012-2014
Member of the GlueX Collaboration and Chair of the Collaboration Board
Member of the CLAS Collaboration
Spokesperson of E06-013 in Hall B, FROST Experiment utilizing Frozen-Spin Butanol Target

Research Interests

Hadron Spectroscopy
Search for Gluonic Excitations
Baryon Structure
Light-Meson Decays

Candidate Statement

I have been a member of the Jefferson Lab community for almost 10 years as a member of the CLAS and GlueX Collaborations. My research focus is on the spectroscopy of excited hadrons, in particular on the current Excited Baryon Program utilizing polarized beams & targets and the CLAS spectrometer. In addition, I am very excited about the future opportunities for meson and baryon spectroscopy in Hall D using the GlueX detector. Performing successful experiments in these fairly big collaborations requires excellent communication between the user community and the laboratory management. The UGBoD plays a critical role in this environment. It connects the users to lab activities and serves as the mediator between the user group and management not only on important scientific issues such as evaluation of proposals, allocation of lab resources and future directions (to name a few) but also on the not so beloved issues of the necessary paperwork regarding insurance and visa, for instance. As a frequent *visitor* at Jefferson Lab, I have personally experienced many of these challenges and I am familiar with the problems of users, in particular from foreign institutions. If elected to the UGBoD, I will do my best to serve the user group and maintain a strong user community from all over the world that is essential for the future scientific endeavors at JLab.