Daria Sokhan, University of Glasgow

Academic History

2012 - present	University of Glasgow, UK: Lecturer, Senior Lecturer since 2019.
2010 - 2012	IPN Orsay, France: CNRS Postdoctoral Researcher.
2009 - 2010	INFN - Pavia, Italy: NFN Fellowship for Foreign Scientists.
2005 - 2009	University of Edinburgh, UK: Ph.D. in Hadron Physics.
2003 - 2004	University of Bath, UK: M.Phil. by Research in Nanotechnology.
1999 - 2002	University of Cambridge, UK: B.A. (Hons.) in Natural Sciences (Physics).

Research Profile

The majority of my research career has been focussed on Jefferson Lab experiments. I did my Ph.D. on a pion photoproduction measurement for hadron spectroscopy, assisting in the construction of the FROST polarised target for CLAS, and was later deeply involved in the design of the Central Neutron Detector for CLAS12. Past work has involved the Heavy Photon Search (HPS) experiment in Hall B and experiments at Mainz but my main focus presently is on nucleon structure measurements, in particular those leading to the extraction of Generalised Parton Distributions. As such, I am co-spokesperson on two experiments aimed at measuring DVCS from the neutron. I am also active in the development of the Electron-Ion Collider (EIC) and am presently co-convener of the Exclusive Reactions Working Group in the EIC Yellow Report effort. I have been the primary supervisor for three Ph.D. students on CLAS theses and a Masters student on HPS.

Community Service

I have served as a member of the reviewing committees for CLAS analyses and papers, been an organiser for six conferences and workshops and the director of a summer school, serve on the STFC Nuclear Physics Advisory Panel in the UK since 2016 and have served on UK fellowship recruitment panels (ERF 2015-17 and UKRI Future Leaders since 2018). I have additionally been the Student / PostDoc representative in the CLAS Collaboration (2010-12) and am currently a member of the EIC Users Group Charter Re-writing committee.

Candidate Statement

Jefferson Lab has started its 12 GeV programme and has a long road of experiments ahead of it, involving also the construction of new targets, detectors and novel facilities such as the possible kaon beam-line. Concurrently, it is one of the two major partners in the development of the Electron-Ion Collider, the physics focus of which forms the future interest of a significant proportion of the JLab community. As such, the UGBoD needs to reflect the diverse priorities of the JLab users, which I feel well-placed to do. The effects of the global pandemic on the way the lab and its users operate may have long repercussions and the uncertainty surrounding budgets is likely to persist. At such a time it is all the more important for the users group to have strong and active representation with the lab staff and management, to facilitate the delivery of its scientific excellence.