universitätbonn

The Rheinische Friedrich-Wilhelms-Universität Bonn invites applications for a

Post-doctoral Researcher in Hadron Spectroscopy

in the group of Prof. B. Ketzer at the Helmholtz-Institut für Strahlen- und Kernphysik. The group studies the excitation spectrum of hadrons with an emphasis on identifying exotic states and gluonic excitations from data taken with the COMPASS spectrometer at CERN. The successful candidate is expected to play a leading role in the analysis of the existing very large data set on diffractive and quasi-real photoproduction of mesons, and to contribute to the preparation of a possible future data taking campaign with kaon or antiproton beams. Cooperation with theory colleagues for the interpretation of the data, e.g. within the JPAC (Joint Physics Analysis Center) of Thomas Jefferson National Laboratory and Indiana University, is envisaged. The successful candidate is also expected to spend time at CERN for data taking periods and to contribute to the maintenance and operation of detectors which the Bonn group is responsible for.

You have:	A PhD degree in experimental nuclear or particle phyics
	Experience in data analysis and/or Monte Carlo techniques
	Proficiency in programming
	Some experience with particle detectors
You are:	Motivated, open-minded, eager to learn
We offer:	A challenging task in a creative environment
	The opportunity to engage in teaching at university level
	The possibility to participate in the dissemination of results
	Salary level according to EG 13 TV-L (100%)

The position can start as soon as possible, and applications are open until the position is filled. The appointment is initially for two years, with the possibility of renewal for two more years subject to the availability of funding.

Applicants should send a motivation letter, a statement of research interests, a curriculum vitae, and should arrange for three letters of reference to be sent to Prof. B. Ketzer at Bernhard.Ketzer@uni-bonn.de.

The University of Bonn is an equal-opportunity employer.