

Work/Education Resume: Christian Balz

Science and technology specialties: Quantum Magnetism, Neutron Scattering

Work Experience:

Oak Ridge National Laboratory, United States April 2024 – now

Instrument scientist for inelastic neutron scattering

University of Oxford, United Kingdom June 2022 – now

Long Term Academic Visitor in the group of Prof. Andrew Boothroyd

ISIS Neutron and Muon Source, United Kingdom February 2020 – March 2024

Instrument scientist for inelastic neutron scattering

Oak Ridge National Laboratory, United States

PostDoc, Mentor: Prof. Stephen Nagler January 2017 – January 2020

Helmholtz-Zentrum Berlin, Germany

PostDoc, Mentor: Prof. Bella Lake October 2015 – December 2016

Education:

Technical University Berlin August 2011 – September 2015

PhD dissertation: "Investigation of low-dimensional and frustrated spin- $\frac{1}{2}$ magnets"

Advisor: Prof. Bella Lake

Goethe University Frankfurt October 2005 – February 2011

Master of Science thesis: "Thermal expansion of the multiferroic $\text{FeTe}_2\text{O}_5\text{Br}$ and design of a high-resolution dilatometer cell"

Advisor: Prof. Michael Lang

Bachelor of Science thesis: "Capacitive dilatometry under helium gas pressure"

Advisor: Prof. Michael Lang