



**ACNS**  
2022

# American Conference on Neutron Scattering

June 5–9, 2022 • University of Colorado Boulder

## CALL FOR PAPERS

Join us for the **11<sup>th</sup> American Conference on Neutron Scattering (ACNS 2022)**, planned for June 5–9, 2022, at the University of Colorado Boulder. The Conference will provide essential information on the breadth and depth of current neutron-related research worldwide. Hosted by the Neutron Scattering Society of America, this year's Conference will feature a combination of invited and contributed talks, poster sessions, tutorials and an industrial exhibit. Mark your calendar today and plan to attend ACNS 2022.

### SCIENTIFIC PROGRAM

The five-day conference will feature oral and poster presentations covering:

- Advances in Neutron Facilities, Instrumentation and Software
- Hard Condensed Matter
- Soft Matter
- Biology, Biophysics and Biotechnology
- Materials Chemistry and Energy
- Structural Materials and Engineering
- Neutron Physics
- Emerging Applications in Neutron Scattering: Machine Learning and Data Science
- General Submissions

### CONFERENCE VENUE

Tucked in the foothills of the Rocky Mountains, acres of vast open space roll into Boulder, Colorado's quaint cityscape.

To the west, the trail-lined Flatirons are craggy rock formations overlooking the city. Downtown's brick-paved pedestrian Pearl Street Mall—the heart and soul of Boulder—provides a central gathering place where locals and visitors alike come to stroll and shop among historic store fronts and art galleries, dine at award-winning restaurants and bars, tour craft breweries, sip coffee and soak up this creative community's laid-back lifestyle.

The University of Colorado Boulder (CU) is a center for research and culture. The campus is home to the Fiske Planetarium and the Museum of Natural History, with zoology and anthropology exhibits. And from June to August, CU is home to the Colorado Shakespeare Festival, with live performances under the stars for an experience you'll never forget.

Add three national laboratories—the National Center for Atmospheric Research (NCAR), National Oceanic and Atmospheric Administration (NOAA) and National Institute of Standards and Technology (NIST)—and it is obvious that Boulder has also been busy making some of the world's most important discoveries about Earth and beyond.

*National Geographic* recently recognized Boulder as “The Happiest City in the U.S.” We invite you to join us and see why!

### IMPORTANT DATES

**Abstract Submission Opens**  
November 10, 2021

**Abstract Submission Deadline**  
January 18, 2022

**Preregistration Opens**  
April 4, 2022

### CONFERENCE HOST

Neutron Scattering Society of America (NSSA)

### CONFERENCE CHAIR

**Peter M. Gehring**  
National Institute of Standards and Technology

### NSSA PRESIDENT

**Young Lee**  
Stanford University

### PROGRAMMING CHAIRS

**Katie Weigandt**  
National Institute of Standards and Technology

**Stephen Wilson**  
University of California, Santa Barbara

### LOCAL COMMITTEE CHAIRS

**Steven DeCaluwe**  
Colorado School of Mines

**Dmitry Reznik**  
University of Colorado Boulder

### ACNS COMMUNICATIONS SECRETARY

**Lisa M. Debeer-Schmitt**  
Oak Ridge National Laboratory

For the most up-to-date information on ACNS 2022, visit [mrs.org/acns-2022](https://mrs.org/acns-2022).

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