

Welcome to the Inaugural



ACNS
**American Conference on
Neutron Scattering**

Sponsored by the National Neutron Centers, the Neutron Scattering Society of America (NSSA), and the Spallation Neutron Source and High Flux Isotope Reactor User Group (SHUG)

An opportunity for cross-disciplinary interactions among researchers sharing a common interest in neutron science.



American Conference on Neutron Scattering

- A biennial conference to showcase recent research results from neutron scattering
- **A national user meeting** intended to merge together the present multiple user meetings held by individual facilities.
- An opportunity for users to gain comparative insight into the capabilities and available instrumentation at all the US centers
- A rotating venue among national neutron centers

2002 ACNS

- True multidisciplinary conference with the common thread of neutron research
- Fields represented include:
 - Soft condensed matter, magnetism, biology, instrumentation, fundamental neutron physics, condensed matter physics, chemistry, industrial applications
- Total of 250 papers, 67 invited/keynote, > 350 registrants (31 states, 11 countries), 47% from universities, 43% from government labs, 8% from overseas

ACNS Sponsors

- The Division of Materials Research, National Science Foundation
- The Office of Basic Energy Sciences, Department of Energy
- The National Neutron Centers
 - NIST Center for Neutron Research (NCNR)
 - Spallation Neutron Source (SNS)
 - Los Alamos Neutron Science Center (LANSCE)
 - Oak Ridge High Flux Isotope Reactor (HFIR)
 - Argonne Intense Pulsed Neutron Source (IPNS)

Organizers of the ACNS

- Rob Briber, *Conference Chair*
- Julie Borchers and Paul Butler, *Program Chairs*
- Anne Mayes, *Treasurer*, Cathy Bruce, *Assistant*
- Al Ekkebus, Ann Jordan, Angie Beach, and Charlie Horak (SNS), *Local Committee*
- Jim Rhyne, *NSSA President*
- Dave Belanger, *SHUG-NSSA Liason*
- Rob McQueeney, *SHUG Representative*
- John Tranquada, *SHUG Chair*
- Members of special committees

ACNS Special Committees

Program Committee

Julie Borchers (NIST) & Paul Butler (ORNL) Co-Chairs

Jack Carpenter (IPNS)
Dan Neumann (NIST)
Lee Robertson (ORNL)
Ramanan Krishnamoorti (University of Houston)
Nitash Balsara (University of California, Berkeley)
Mark Foster (University of Akron)
Mark Dadmun (University of Tennessee)
Bruce Gaulin (McMaster University)
Jaime Fernandez-Baca (ORNL)
Mike Fitzsimmons (MLNSC - LANSCE)
Suzanne te Velthuis (ANL)
Steve Nagler (ORNL)
Angus Wilkinson (Georgia Institute of Technology)
Rob McQueeney (MLNSC - LANSCE)
Doug Tobias (University of California, Irvine)
Susan Krueger (NIST)
Dieter Schneider (BNL)
Josef Zwanziger (Indiana University)
Patrick Woodward (Ohio State University)
Juergen Eckert (MLNSC - LANSCE)
Mike Snow (Indiana University)
David Jacobson (NIST)

Local Arrangements Committee

Al Ekkebus (SNS) Chair

Ann Jordan (SNS/ORNL)
Loretta Simpson (SNS/ORNL)
Kathy Rosenbalm (SNS/ORNL)
Angie Beach (ORNL conference office)
Charlie Horak (ORNL/SNS graphic arts)
Renee Manning (ORNL/SNS graphic arts)
Mary Murray (ORNL/SNS graphic arts)
Judy Benton (ORNL/SNS graphic arts)
Cathy Bruce, MIT (NSSA table and vendors)
Dan Ciarlette (SNS IT)
Dan Haid (SNS IT)

What is the NSSA?

- NSSA is an organization of scientists and engineers with a common interest in using neutron scattering for research
- Formed in 1992, NSSA now has nearly 1000 members from 26 countries
- Will become a non-profit corporation in 2002
- Sister organizations in Europe, Japan and Canada
- NSSA is an advocacy group for **YOUR CONCERNS** about neutron sources, instruments, and user policies
- **At ACNS, NSSA officers and ACNS organizers have special badges – *complaint department***

Anyone Here Not a Member of NSSA?

We would like to have you join (it's free)!!

And we have membership forms
at the NSSA information booth!

Or you can use the on-line form at
www.neutronsattering.org

Also available at the NSSA booth -- nomination forms
for future officers of NSSA (term 2003 – 2005)

Knoxville, Tennessee • June 23-27, 2002

ACNS



**American Conference on
Neutron Scattering**

Sponsored by the National Neutron Centers, the Neutron Scattering Society of America (NSSA), and the Spallation Neutron Source and High Flux Isotope Reactor User Group (SHUG)

The conference will showcase recent scientific results in neutron science in a wide range of fields, including

- | | |
|-------------------------|----------------------------------|
| ■ Soft condensed matter | ■ Chemistry and Chemical Physics |
| ■ Biology | ■ Fundamental physics |
| ■ Magnetism | ■ Source and Instrumentation |
| ■ Materials Science | ■ Development |

The conference will

- Include invited and contributed scientific talks and poster sessions
- Fulfill many of the objectives of a facility users meeting but on a national scale
- Highlight the capabilities of instrumentation available for users at the major neutron centers in North America
- Provide a forum for users to ask questions and raise issues about these facilities

Visit our web site at www.sns.gov/acns

The conference encourages the attendance of graduate students, postdocs, and new faculty, as well as established researchers in neutron scattering and allied disciplines. An application form for scholarships will be distributed on-line.

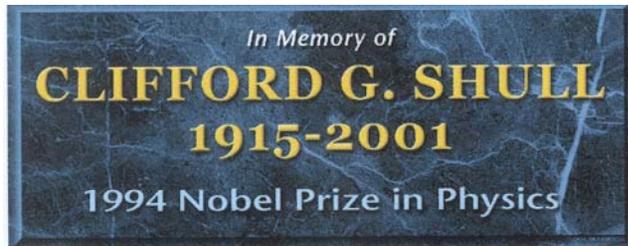
Contacts:

Rob Briber, General Chair, e-mail: rbriber@eng.umd.edu
Julie Borchers, e-mail: julie.borchers@nist.gov
Paul Butler, e-mail: butlerpd@ornl.gov
Al Ekkebus, local contact, e-mail: ekkebusae@sns.gov

Deadlines:

March 25, 2002 –
abstract submission
May 1, 2002 –
early registration

*Announcing the NSSA
Clifford G. Shull Prize
in Neutron Science*



- *An endowment has been established to underwrite a prize of \$5,000 to be given to an individual who has made outstanding contributions to the field of neutron science.*
- *To be presented at the ACNS starting in 2004. Nominations will be sought by the prize committee in 2003.*
- *Prize fund contributions are being solicited from NSSA members and others.*

