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Ohio Section Fall Meeting

October 8-9, 1999

Wright State University/

Air Force Institute of Technology

Dayton, Ohio

Meeting ID: OSF99

Ohio Section Abstracts Web Address:

<http://www.phy.ohiou.edu/~osaps/>

General Information

The 1999 Fall Meeting of The Ohio Section of The American Physical Society will be held on the campus of Wright State University, Dayton, Ohio, on Friday afternoon and Saturday morning, October 8-9, 1999. The meeting will be jointly hosted by the Air Force Institute of Technology and Wright State University. The invited talks to be delivered during the plenary sessions will focus on the history of selected areas of physics in celebration of the Centennial of the APS and the 60th anniversary of the Ohio Section. The four speakers for the plenary sessions are all fellows of the APS and two have been awarded the Nobel Prize. This meeting will be held in conjunction with the Fall Meeting of the Southern Ohio Section of the American Association of Physics Teachers.

Meeting Program

Friday Afternoon

Plenary Session I

- Norman Ramsey, Harvard University, *History of Atomic and Molecular Beams*
- Lawrence Slifkin, University of North Carolina, *History of Defects in Solids*

Poster Session and Social Hour

The social hour will present meeting attendees with an opportunity to meet the speakers as well as a representative from the national APS office. In addition, the OSAPS display featured at the Centennial Meeting in Atlanta will be available for viewing. This display features a collage of photos on

early educational physics teaching apparatus taken by Professor Thomas Greenslade of Kenyon College. A poster session is planned in conjunction with the social hour. Students must remain with their poster during the session.

Friday Evening

Banquet and After-Dinner Speaker

- Thomas Greenslade, Kenyon College, *History of Physics Education and Physics Apparatus in Ohio*

Saturday Morning

Plenary Session II

- Dr Nicolaas Bloembergen, Harvard University, *A Hundred Years of Nonlinear Optics*
- Dr Charles Slichter, University of Illinois, *Fifty Years of Surprises, Magnetic Resonance, A Scientific Evergreen*

Contributed Papers

Contributed papers dealing with all areas of original research and physics education are solicited from both APS and AAPT members. Ten-minute oral presentations will be scheduled in parallel sessions from 8:00 a.m. to 10:00 a.m. on Saturday morning. Undergraduate and graduate students are welcome and encouraged to present their work.

Submission of Abstracts

Complete abstract submission instructions can be found at <http://www.aps.org/meet/meet-abstract.html>.

The deadline for receipt of abstracts is **September 10, 1999**. We strongly urge you to proof your abstract before submission. Contributors may submit one of two ways:

Via the web: To submit a contributed abstract using the online web submission process, an author needs to know two things: (1) the number and ordering of authors and collaborations; and (2) abstract content. The web page will guide you through the rest. Try a test submission before submitting your abstract. Log

onto <http://abstracts.aps.org>. and select the meeting TEST. Follow the directions online to create your own practice abstract. When ready to submit your abstract online, select the meeting (OSF99) by clicking on the appropriate button. A form will be created for you. Simply input the information.

Via e-mail: Contributors must create their abstracts from an electronic template supplied by the American Physical Society. The template and instruction files for contributed abstracts can be obtained by sending email to abs-request@aps.org with the phrase **REQUEST OSF99** in the message. Those contributors who are absolutely unable to submit an abstract via the web or electronically should contact meetings@aps.org.

If you have questions regarding abstract submission, please send them to abs-help@aps.org.

Registration

The conference registration fee is \$30 for participants who register by September 17 and \$35 for those registering after that date. Although there is no fee charged to students, they are asked to fill out a registration form. The cost of the banquet will be \$18 for non-students and \$12 for students. Banquet reservations must be made by September 17. See the registration form (available for download from this page) for more information.

Support for Student Papers

The OS/APS recognizes that funds for students to attend meetings are quite limited at many institutions. In an effort to encourage student participation, some funds are available to pay for transportation (up to \$20) and lodging (up to \$25) for students who present oral or poster contributions. To request these funds, students should have their faculty advisor contact one of the local co-chairs (see the Contact Information section).

Accommodations

Overnight accommodations are available at the locations listed below. When making reservations mention OSAPS. Room rates do not include tax.

Red Roof Inn, \$75.99 (15 rooms reserved)
I-675, Exit 17, Col. Glenn Highway, across from
WSU
Fairborn OH 45324
1-800-874-9000
Reserve by 22 September 1999

Homewood Suites, \$79.00, includes free breakfast
and free buffet supper on Thursday night.
I-675, Exit 17, Col. Glenn Highway, across from
WSU
Fairborn OH 45324
1-800-225-5466 or 937-429-0600
Reserve by 8 Sep 99

Hampton Inn, \$73.00 (30 rooms reserved)
I-675, Exit 17, Col. Glenn Highway, across from
WSU
Fairborn OH 45324
937-429-5505

Fairfield Inn, \$66.00 (14 rooms reserved)
I-675, Exit 17, Col. Glenn Highway, across from
WSU
Fairborn OH 45324
937-427-0800

Comfort Inn, \$65.00 (30 rooms reserved)
616 N. Broad Street, Fairborn OH 45324
937-879-7666
Reserve by 1 Oct 99

Best Western Wright-Patterson, \$59.00 (30 rooms
reserved)
800 N. Broad Street
Fairborn OH 45324
937-879-3920
Reserve by 17 Sep 99

Directions

Wright State University is located in Dayton, Ohio,
approximately 70 miles west of the state capital,
Columbus. Air transportation is provided by several
major airlines to Dayton International Airport,
located about 25 minutes from the campus. Ground
transportation to campus from the airport is provided
by rental car, taxi, or limousine service. Dayton is
served by interstate highways 70 and 75, which

intersect just north of the city.

From the North

I-75 south to I-70 east, I-70 east to I-675 south, I-675 south to North Fairfield Road (Exit 17).

Turn right on North Fairfield Road, travel approximately 1/2 mile to Colonel Glenn Highway. Turn left on Colonel Glenn Highway, Turn right at the second traffic light onto University Blvd.

From the South

I-75 north to I-675 north, I-675 north to North Fairfield Road (Exit 17). Follow sign for North Fairfield Road (not WSU).

Turn left on North Fairfield Road, travel approximately 1/2 mile to Colonel Glenn Highway.

Turn left on Colonel Glenn Highway.

Turn right at the second traffic light onto University Blvd (at the WSU Bell Tower).

From the East or West

I-70 to I-675 south, I-675 south to North Fairfield Road (Exit 17).

Turn right on North Fairfield Road, travel approximately 1/2 mile to Colonel Glenn Highway.

Turn left on Colonel Glenn Highway.

Turn right at the second traffic light onto University Blvd. (at the WSU Bell Tower)

Important Information

Deadlines

Abstracts 9/10/99

Registration 9/17/99

Banquet 9/17/99

Reservations

Meeting Dates 10/8-9/99

Meeting ID OSF99

OSAPS Website: <http://www.phy.ohiou.edu/~osaps/>

Contact Information

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Comments or Questions?
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[The American Physical Society](http://www.aps.org)