

March 2002 GIMS Newsletter

Contents:

- March APS Meetings Schedule
- Upcoming events in measurement science
- Keithley Award Winner
- Nominating an APS Fellow
- Secretary-Treasurer's Report
- 2001 Officers List

Important Reminders!

<p>GIMS Business Meeting 3/19 5:30 PM</p> <p>139 Indiana Convention Center</p> <p>Session # K21</p> <p>All GIMS members welcome!</p> <p>Dinner to follow.</p>	<p>Keithley Award Session 3/20, 5:30 pm</p> <p>Wabash 3, Indiana Convention Center</p> <p>Session # R7</p> <p>Learn more about this year's</p> <p>Keithley Award winner!</p>
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GIMS March APS Meeting Session Schedule

Session organizers	Session #	Session Title	Date & Time
GIMS/DCP	W13	Focus Session: New Techniques, Applications and Instruments in X-Ray Absorption Spectroscopy: I	Friday morning, 08:00, 106, Indiana Convention Center
GIMS/DCP	X13	Focus Session: New Techniques, Applications, and instruments in X-Ray Absorption Spectroscopy: II	Friday morning, 11:00, 106, Indiana Convention Center
GIMS/ FIAP	D8	Focus Session: Optical Spectroscopy for Industrial Applications	Monday afternoon, 14:30, Sagamore 7, Indiana Convention Center
GIMS/ FIAP	J8	Focus Session: MEMS - NEMS Science, Technology, Applications and Measurements	Tuesday afternoon, 14:30, Sagamore 7, Indiana Convention Center
GIMS/ FIAP	Q7	VUV Optical Science and Measurements	Wednesday afternoon, 14:30, Wabash 3, Indiana Convention Center
GIMS/ FIAP	S7	Focus Session: Instrumentation and Measurements for the Semiconductor Industry	Thursday morning, 08:00, Wabash 3, Indiana Convention Center
GIMS	G26	Focus Session: Emerging	Tuesday morning, 11:00, 206,

		Instrumentation for Commerce and Space Research	Indiana Convention Center
GIMS	K21	GIMS Business Meeting followed by dinner at 7:15 pm.	Tuesday afternoon, 17:30, 139, Indiana Convention Center
GIMS	M21	Characterization with Scanning Probe Microscopes	Wednesday morning, 11:00, 139, Indiana Convention Center
GIMS	Q21	Atomic Force Microscopy and Near-Field Scanning Optical Microscopy	Wednesday afternoon, 14:30, 139, Indiana Convention Center
GIMS	R7	Keithley Award and NSF Perspective on Instrumentation/Measurements	Wednesday afternoon, 17:30, Wabash 3, Indiana Convention Center
GIMS	S21	Focus Session: Synchrotron Based Instruments and Measurements	Thursday morning, 08:00, 139, Indiana Convention Center
GIMS	T21	Focus Session: Synchrotron Based Measurement and Science	Thursday morning, 11:00, 139, Indiana Convention Center
GIMS	U21	Instrumentation and Measurements	Thursday afternoon, 14:30, 139, Indiana Convention Center
GIMS	W1	Focus Session: Spectroscopy at High Magnetic Fields	Friday morning, 08:00, Sagamore 3, Indiana Convention Center

Upcoming events in Measurement Science

Support the new Instrument and Measurement Physics division of CAP at the CAP 2002 Congress!

CAP DIVISION OF INSTRUMENTATION AND MEASUREMENT PHYSICS

Through the efforts of Andreas Mandelis, former Secretary-Treasurer of our GIMS Topical Group, the Canadian Association of Physicists (CAP) has agreed to establish within it a Division of Instrumentation and Measurement Physics (DIMP). The new division, with Prof. Mandelis (University of Toronto) as its Chairman, will be sponsoring a session that features a general instrumentation overview at the CAP 2002 Congress to be held June 2-5, 2002 in Quebec, Canada.

We welcome the establishment of this Division and look forward to opportunities to cooperate with it.

Keithley Award

At the APS March 2002 Meeting in Indianapolis, this year's Keithley Award will be presented to **Robert J. Soulen, Jr.** of the Naval Research Laboratory in Washington, DC. The citation reads: "For developing low temperature noise thermometry to achieve an absolute thermometer which now defines the year 2000 International Temperature Scale between 1 mK and 1 K to an accuracy of 0.1%, and for other significant contributions to thermometry measurement over a distinguished career."

Nominate an APS Fellow!

One of the important activities of GIMS is to nominate members to Fellowship in the APS. Members of GIMS are encouraged to participate in this activity by nominating worthy candidates. Election to Fellowship is a significant honor. In any given year, only 0.5 % of the APS membership can be elected. All of the details are available on the APS web site at:

<http://www.aps.org/programs/honors/fellowships/index.cfm>.

A Fellow must be a APS member in good standing who has two fellowship sponsors in good standing with the Society.

The Nomination Form can be downloaded at

<http://www.aps.org/programs/honors/fellowships/nominations.cfm>

The next Unit Deadline for GIMS is April 2, 2002

Budget & Membership Report

As of 1/31/2002 GIMS total assets are \$47,546.47.

GIMS Membership stands at 530 or 1.26% of APS.

Chris Armstrong will complete the current Secretary-Treasurer term vacated by Gilbert Clark.

2001 Leadership

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Robert V. Duncan

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New officers to be announced at the GIMS Business Meeting 5:30 pm, Tuesday March 19th.