



# MicroNews

M I C R O B E A M  
Analysis Society

## Summer 2003 Newsletter of the Microbeam Analysis Society

<http://www.microbeamanalysis.org/>

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### PRESIDENT'S MESSAGE

Dear MAS Members,

Just around the corner is that big event in the course of the Society's activities that highlights one of the major reasons for the existence of MAS as a professional organization. This is the staging of our annual meeting, this year in San Antonio, Texas. Again we have partnered up with our sister society, the Microscopy Society of America (MSA), to make *Microscopy and Microanalysis 2003* as lively and strong as it can be. And, to even further strengthen this common enterprise, we have been joined by the International Metallographic Society (IMS) and by CIASEM, the Interamerican Committee of Societies for Electron Microscopy, to set the stage for a scientific meeting that promises to be unsurpassed in both depth and scope. This said, I hope that many of you have made plans to attend *M&M-2003* and that I will have a chance to cross paths with everyone of you during that busy week in San Antonio.

The full scientific program is on the web (<http://www.microbeamanalysis.org>) and, as you check out the various program offerings, you will quickly discover that there is a full plate of outstanding sessions and symposia throughout the week. The program organizers have made it a point to keep any serious overlap of topics to an absolute minimum, so that everybody should be very pleased with the layout of the program. This year also, the MAS technical venue features many of the traditional microanalysis topics; these have been summarized by Paul Kotula (the MAS Pro-

gram Co-Chair) in a separate article in this issue of *MicroNews*.

In this context, I do want to point out only one special session in the program. That is the Symposium organized to honor the vivid memory and scientific work of Walter C. McCrone, who has been a close colleague and personal friend to so many of us. You will recall that Walter passed away at age 86 a year ago, and that there was not enough time to organize a program for *M&M-2002* that would pay tribute to his life and scientific work. We are making up for this in our meeting this August. The *Walter C. McCrone Memorial Symposium* has had the strong backing of the Councils of both MSA and MAS to be a most visible event in the agenda of the conference week. The Symposium is scheduled for Tuesday afternoon and all conferees are especially invited to take part in re-living patches of the past, in so many areas of light microscopy, that were clearly marked by the numerous and outstanding contributions of Chicago's Walter C. McCrone. Whether you knew Walter personally or not, you owe it to yourself to take part in this tribute to the indelible memory of one of our own.

There are a number of important MAS events during the course of the conference week, and I hope that those of you attending will take part in these special functions. All of us will start off the week with the Sunday Evening Reception held at the Institute of Texan Culture. In place of the usual Presidential Reception (which was also set aside this year by MSA), we will have a major social event jointly organized by all the participat-

ing conference sponsors -that is the *Latin-Fiesta* party on Wednesday evening. This gathering is expected to become an absolute crowd-pleaser, adding an unforgettable south-of-the-border flavor to the social scene of the week.

Our traditional *MAS Presidential Happenings* session is scheduled for a new time slot this year, and will start at 12 Noon on Tuesday as you pick-up your brown-bag lunch. I hope we will have a terrific MAS member turnout. I will present the various MAS Awards, and Phil Russell (this year's MAS Presidential Science Awardee), of North Carolina State University, will give a special lecture on *From Microbeam to Nanobeam Analysis via Electron, Ion, and Cantilever Beams*. On Wednesday at 5 PM is the *MAS Business Meeting* on which occasion we like to have present every MAS member that has come to San Antonio. I like to emphasize this point, as in this Business Meeting, a number of important issues will come up for discussion where MAS Council will need the input and the vote of the membership. One piece of MAS business will be the nomination of candidates for the upcoming elections in the fall. Please make your suggestions for nominations, at that time, to the Nominating Committee, chaired by Paul Carpenter. At this meeting, we will also want to take the pulse of the Society concerning the ongoing discussions with MSA toward a future merger of both societies, MAS and MSA, to result in a union of the two societies based on a new and fully agreed upon organizational structure and overall joint mission. These moves are gaining momentum, on both sides, ever since the beginning of this year, as both Societies have undertaken to define their shared identities, and common goals for the near and distant future. For MAS it is John Small, Chairman of Long-Range Planning, who has taken up this banner to lead MAS into fruitful and progressive discussions with MSA. For MSA it is John Mansfield who has been appointed to chair a task force to implement the foundations for a potential merger of the two Societies. All this will take time and serious deliberation on the part of both MAS and MSA, but the seeds toward a common understanding have already taken hold.

Finally, some closing comments on my year as your President. It has been an honor and a privilege to serve this Society. Thanks for your trust and confidence. I will stay on for one other year to serve MAS Council as past-President, as the new guard is taking on the reins. Paul Carpenter, the incoming new President, and his people on Council will be well equipped to deal with the challenges ahead. I hope that you will feel free to speak your mind when matters call for it, and express your wishes and concerns to Paul and Council, because only a free and open dialog will assure a vibrant and self-sustaining MAS for the future. I hope to see you all in San Antonio!

Best regards,  
Edgar Etz  
MAS President

## **MEMBERSHIP SERVICES**

It's time to round'em up and head for San Antonio! This year we will not be holding a separate social but will be joining everyone for the combination Presidential Reception and Fiesta on Wednesday night. Please show your support of MAS by attending our Presidential Happenings at noon on Tuesday. Other special events you might consider are the Walter McCrone Memorial Symposium and the IMS Henry Clifton Sorby Award and Lecture. As reported in the Presidential Message in the spring issue of MicroNews, there are ongoing discussions about a possible merger of MAS with MSA. Be sure to attend our business meeting on Wednesday at 5 to learn about the latest options and to express your opinion. Stop by the MAS booth for more information and just to say "Howdy."

Looking forward to seeing you in San Antonio!  
Lou Ross  
Membership Services

## MAS TOUR SPEAKER PROGRAM

I have recently updated the MAS Affiliated Regional Societies contact list -<http://www.microbeamanalysis.org/mas/masas/masas.html> - with the able assistance of our new webmasters; so there should be few discrepancies. If you note any mistakes, please contact me. I expect a few societies have changed officers recently and may want a new MAS contact listed.

It appears that the 9/11 damper on our affiliated societies' requests has been rectified! We are having a very busy tour speaker year since this one began after M&M2002. As a matter of fact, this year tied with 2001 for high year with 13 engagements! I attribute most of this to the high quality and good diversity of our tour speaker line up.

By the time you get this issue of MICRONEWS, MAS will have sent Tour Speakers to thirteen societies. OK, so Colorado got 2 speakers on the same day. That's because Greg Meeker was a freebie to MAS and yet he gave his MAS sponsored talk to one of our societies – the one he belongs to. We've done this before. You may also notice several other societies that got two speakers. Their first speaker was charged to "fiscal" 2001-2002 and the second to 2002-2003. No more speaker tours are scheduled at this time nor are they expected. We should see a spate of requests after M&M2003.

The societies visited, the speakers, and the dates are:

Society	Speaker	Date
<b>Finished</b>		
AIMS	Kotula	March 14, 2003
CDMMS	Kotula	June 17, 2003
CoMAS	McKernan	May 7, 2003
CoMAS	Meeker	May 7, 2003
CSM&MS	Kotula	April 10-11, 2003
Metro	Kotula	March 9, 2003
Minn. MS	Small	Sept. 19, 2002
Minn. MS	Meeker	May 2, 2003
Mich MS	Meeker	April 25, 2003
NESM	Giannuzzi	Dec. 6, 2002
NMMBUG	Giannuzzi	Dec. 17, 2002
NMMBUG	Meeker	April 17, 2003
SEMS	McKernan	May 20-22, 2003
<b>Scheduled</b>		
NONE		

Remember, MAS pays for the visit by our tour speakers (as long as you go through me), so you can get a speaker for your program (once a year) at no cost to your society. But you have to initiate the request or nothing happens.

And I hope that all of the Affiliated Society contacts will plan to attend our annual luncheon meeting to pick next year's speakers. It is not too early to start thinking about

possible candidates. **NOTA BENE** - This year the meeting will be held on Wednesday, August 6, 2003 at noon due to conflicts on Tuesday. The location of the meeting will be posted at the MAS booth.

Respectfully submitted,

Paul F. Hlava

## MEETINGS AND COURSES

### Meetings

**MICROSCOPY & MICROANALYSIS 2003**, Aug. 3-7, 2003, San Antonio, TX

Contact: Mary Beth Rebedeau, Chicago: Fax (708)361-6166, email: [MSA@tradeshownet.com](mailto:MSA@tradeshownet.com), or web: [msa.microscopy.com](http://msa.microscopy.com)

**EMAG 2003: Electron Microscopy and Analysis Group Conference**, Sept. 3-5, 2003, Oxford, UK

Contact: Jasmina Bolfek-Radovani, IOP: [jasmina.bolfek-radovani@iop.org](mailto:jasmina.bolfek-radovani@iop.org)

**ICXOM XVII: International Congress on X-ray Optics and Microanalysis**, Sept. 22-26, 2003,

Chamonix Mont Blanc, France

Contacts: [simion@esrf.fr](mailto:simion@esrf.fr); [somogyia@esrf.fr](mailto:somogyia@esrf.fr); [www.esrf.fr/Conferences/ICXOM](http://www.esrf.fr/Conferences/ICXOM)

**Eastern Analytical Symposium**, Nov 17-20, 2003, Somerset, NJ

Contact: <http://www.eas.org/news.html>

**Materials Research Society Fall Meeting**, Hynes Convention Center, Dec. 105, 2003, Boston, MA, USA

Contact: Mary E. Kaufold: +1 724-779-8312 [kaufold@mrs.org](mailto:kaufold@mrs.org); [www.mrs.org](http://www.mrs.org)

**PITTCON 2004**, March 7-12, 2004, Chicago, IL

Contact: email: [expo@pittcon.org](mailto:expo@pittcon.org) or web: [www.pittcon.org](http://www.pittcon.org)

**SCANNING 2004**, May 1-3, 2004, Washington, DC

Contact: [scanning@fams.org](mailto:scanning@fams.org) [www.scanning.org](http://www.scanning.org)

**MICROSCOPY & MICROANALYSIS 2004**, Aug. 1-5, 2004, Savannah, GA

Contact: Mary Beth Rebedeau, Chicago: Fax (708)361-6166, email: [MSA@tradeshownet.com](mailto:MSA@tradeshownet.com), or web: [msa.microscopy.com](http://msa.microscopy.com)

**SCANNING 2005**, May 7-9, 2005, Monterey, CA,

Contact: [scanning@fams.org](mailto:scanning@fams.org) [www.scanning.org](http://www.scanning.org)

**IUMAS 2005, Third Meeting of the International Union**

**of Microbeam analysis Societies**, May 22-26, 2005, Florence, Italy  
Contact: luc.vantdack@ua.ac.be, or  
<http://www.emas.ac.uk/emas2005>

**MICROSCOPY & MICROANALYSIS 2005**, Aug. 1-5, 2005, Honolulu, Hawaii  
Contact: Mary Beth Rebedeau, Chicago: Fax (708)361-6166, email: [MSA@tradeshownet.com](mailto:MSA@tradeshownet.com), or web: [msa.microscopy.com](http://msa.microscopy.com)

#### Courses

**Optical Microscopy and Imaging in the Biomedical Sciences Course**, Oct. 8-17, 2003, Marine Biological Laboratory, Woods Hole, MA, USA  
Contact: Carol Hamel: [admissions@mbl.edu](mailto:admissions@mbl.edu) <http://courses.mbl.edu>

**8th Annual RMC Materials Microtomy Course & Workshop**, Oct. 28-31, 2003, Tucson, AZ,  
Contact: Dave Roberts, Boeckeler Instruments Inc: [dave@boeckeler.com](mailto:dave@boeckeler.com); [www.rmcprouducts.com](http://www.rmcprouducts.com)

#### Affiliated Societies' Meetings

**AREMS**, Oct. 2-3 2003, Broyhill Inn & Conf. Center, Boone, NC  
<http://www.uvawise.edu/arems/index.html>

**CDMMS**, Sept. 2003  
<http://home.nycap.rr.com/cdmms/>

**CSMMS**, Oct. 17, 2003, Danforth Research Center, St. Louis, MO.  
Contact: John Bazzola, 618-453-3730; FAX: 618-453-2665, email: [bozzola@siu.edu](mailto:bozzola@siu.edu)

**MMMS**, visit web site for information: <http://www.msa.microscopy.com/MSALAS/MMMS/MMMSHomePage.html>

**MMS, visit web site for information**  
<http://www.MNmicroscopy.org>

**MSNO**, visit web site for information  
<http://www.msneo.org>  
Contact: Ed Boyd, (216)447-6198,  
[ed.boyd@noveoninc.com](mailto:ed.boyd@noveoninc.com).

#### NCSEMMA

Contact: Peter Ingram or Ann LeFurgey; email: [p.ingram@cellbio.duke.edu](mailto:p.ingram@cellbio.duke.edu) or [a.lefurgey@cellbio.duke.edu](mailto:a.lefurgey@cellbio.duke.edu)

#### SEMS

Contact: John Shields, email: [jshields@cb.uga.edu](mailto:jshields@cb.uga.edu) or web: <http://www.biotech.ufl.edu/sems>

## MICROSCOPY & MICROANALYSIS 2003

The technical program for the M&M 2003 meeting in San Antonio, TX has shaped up quite well. The 10 MAS symposia received a total of 134 papers in Bio-microanalysis, EBSD, SPM, Quantitative Microanalysis, Spectral Imaging, Advances in X-ray Detectors, Focus on IR/Raman, FIB, Low Voltagemicroscopy/microanalysis, and the McCrone Memorial Symposium. The schedule for these symposia is shown below:

Monday August 4, 2003 AM (~8am-12pm) Platform Presentations

Focus on Raman and IR Microanalysis I  
Scanned Probe Microscopy: Tools for Establishing Structure-Property Relationships  
Quantitative X-ray Microanalysis I

Monday August 4, 2003 PM (~2-4pm) Platform Presentations

Focus on Raman and IR Microanalysis II  
Quantitative X-ray Microanalysis II

Monday August 4, 2003 PM (~4-6pm) Posters (Note: Free Beer at the Posters!)

Scanned Probe Microscopy: Tools for Establishing Structure-Property Relationships

Tuesday August 5, 2003 AM (~8am-12pm) Platform presentations

Focus on Raman and IR Microanalysis III  
Advances in New Detectors for X-ray Spectrometry  
Focused Ion Beam Instrumentation and Techniques for Biological and Materials Science

Tuesday August 5, 2003 PM (~2-4pm) Platform Presentations

Walter C. McCrone Memorial Symposium

Tuesday August 5, 2003 PM (~4-6pm) Posters (Note: Free Beer at the Posters!)

Focused Ion Beam Instrumentation and Techniques for Biological and Materials Science

Wednesday August 6, 2003 AM (~8am-12pm) Platform presentations

Focus on Raman and IR Microanalysis IV  
Biological Microanalysis  
Low Voltage Microscopy and Microanalysis

Wednesday August 6, 2003 PM (~2-4pm) Platform Presentations

Focus on Raman and IR Microanalysis V  
Electron backscatter Diffraction: New Developments and Applications

Wednesday August 6, 2003 PM (~4-6pm) Posters (Note: Free Beer at the Posters!)

Biological Microanalysis  
Low Voltage Microscopy and Microanalysis  
Electron Backscatter Diffraction: New Developments and Applications

Thursday August 7, 2003 AM (~8am-12pm) Platform presentations

Spectral Imaging: Analysis, Visualization, and Applications I

Thursday August 7, 2003 PM (~2-4pm) Platform Presentations

Spectral Imaging: Analysis, Visualization, and Applications II

(no poster session on Thursday)

Additionally, there are many other symposia that promise to make this year's program an excellent one. See you in San Antonio.

Paul Kotula, MAS Co-Chair, M&M2003

## MAS LISTSERVER RETURNS

You will be happy to know that the Microbeam Analysis Society listserver has returned. The listserver distributes emails sent in by a subscriber to everyone on the list of subscribers. The MAS listserver is a moderated list, which means that every message is approved by a human before being passed on to the subscribers. This is a very effective method for controlling unsuitable messages such as advertisements, however it does cause a delay between the time of posting a message and the time it is sent to the readership.

The purpose of the MAS listserver is to enable dissemination of Society business and to provide a forum for discussing issues related to microanalysis. This includes but is not limited to electron probe microanalysis, standards, correction procedures, etc. The listserver will not accept attachments, advertisements, resumes, spam, chain letters, political statements, flame wars, anonymous submissions, or other content deemed inappropriate by the moderator(s). These moderators monitoring the inputs are MAS members in good standing that have volunteered to take on this responsibility.

You must SUBSCRIBE to be placed on the listserver:

Send an email to <[majordomo@microprobe.org](mailto:majordomo@microprobe.org)>  
The body of the message should read only: subscribe maslistserver

Once you are subscribed to SEND A MESSAGE to all subscribers:

Send email to [maslistserver@microprobe.org](mailto:maslistserver@microprobe.org). The label <maslistserver> will automatically be appended to the subject line of every message to make filtering messages easier. You will only be allowed to send a message from the email address you used when you subscribed to the list.

To UNSUBSCRIBE:

Send an email to [majordomo@microprobe.org](mailto:majordomo@microprobe.org).  
The body of the message should read only: unsubscribe maslistserver  
Please do not send a message to the entire list asking to be unsubscribed.

If you have any questions or problems with the process please let us know at [webmaster@microprobe.org](mailto:webmaster@microprobe.org)

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**Paul Kotula, 2003** (see directors)

**Ernest Hall, 2004** (see directors)

### MAS-MSA Liaison, Nominations and

### President's Awards

**Edgar Etz** (see President)

### Membership Services

#### Lou Ross

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## AFFILIATED REGIONAL SOCIETIES

Format of the following list is:

Full Name (Acronym) (arranged alphabetically by full name)

Society URL

Contact (Position in that Society)

Address

Phone; FAX (only one number given indicates phone unless otherwise noted)

Email

### **Appalachian Regional Microscopy Society (AReMS)**

<http://www.uvawise.edu/arems/index.html>

Dr. J. Rex Baird (President and Webmaster)

Dept. of Natural Sciences

University of Virginia at Wise

Wise, VA 24293

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### **Arizona Imaging and Microanalysis Society (AIMS)**

<http://www.azmicroscopy.org/>

Gary Chandler (President)

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### **Capital District Microscopy and Microanalysis Society (CDMMS)**

<http://home.nycap.rr.com/cdmms/>

Dr. Jodi Reeves (President)

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### **Central States Microscopy and Microanalysis Society (CSM&MS)**

<http://treefrog.cvm.uiuc.edu/csmms/>

Lou Ross (President)

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### **Colorado Microbeam Analysis Society (CoMAS)**

[http://www.cvmb.colostate.edu/emcenter/msa/mssem\\_cmas/](http://www.cvmb.colostate.edu/emcenter/msa/mssem_cmas/)

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### **Instrumental Analysis Society (IAS)**

Thomas R. Parayil

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### **Louisiana Society for Microscopy (LSM)**

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LSMHomePage.html

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### **Metropolitan Microscopy Society (M2S)**

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