



IEEE NEWS FOR SEPTEMBER 2007

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Rochester IEEE home page at: <http://www.rl.ieee.org/~roch>

Check the Calendar on the RES website www.roceng.org for late changes and additions

Rochester Section Meeting Tuesday, September 4, 2007

The next Rochester Section business meeting is on Tuesday September 4, 2007 at Noon, at the Shanghai Restaurant, 2920 West Henrietta Road, just south of the intersection with Brighton-Henrietta Town Line Road.

Any IEEE member is welcome to attend and to participate, or just to observe. Lunch is only \$3 for IEEE members. No reservations or RSVP is needed, just show up.

IEEE Geoscience and Remote Sensing Society Chapter Meeting Sept. 20

The new IEEE Geoscience and Remote Sensing Society Western New York Chapter and the American Society for Photogrammetry and Remote Sensing Central New York Region will present a technical seminar at their joint meeting.

Topic: Landsat Remote Sensing Research at RIT

Speaker: Prof. John R. Schott, Digital Imaging and Remote Sensing Laboratory, RIT

Date: Thursday, September 20, 2007

Time: Pizza and soda provided at 5:30 PM, Meeting and Presentation at 6:00 PM

Location: Carlson Auditorium (Room 1125), Chester F. Carlson Center for Imaging Science (Building 76), Rochester Institute of Technology

The Digital Imaging and Remote Sensing Laboratory at RIT has several ongoing projects involving the U.S. Landsat land remote sensing satellite program. This presentation will describe activities at RIT related to

- thermal infrared calibration of Landsat 5 TM and Landsat 7 ETM+,
- use of invariant land surface sites for long term radiometric calibration of Landsat sensors, and
- potential use of the upcoming Landsat Data Continuity Mission (LDCM - the follow-on to Landsat 7) for water resource assessment.

Prof. Schott is the Frederick and Anna B. Wiedman Professor and Head of the Digital Imaging and Remote Sensing Laboratory in the Chester F. Carlson Center for Imaging Science at the Rochester Institute of Technology. Prof. Schott received a BS in Physics from Canisius College, an MS in Environmental Engineering from Syracuse University and the PhD in Environmental Science (Remote Sensing) also from Syracuse University. He is the author of the widely-used remote sensing text "Remote Sensing: the Image Chain Approach." Prof. Schott is a member of the Landsat Science Team and serves on numerous science advisory boards on topics related to remote sensing of the earth.

A no-host dinner with the speaker at a local restaurant will follow the presentation.

IEEE Engineering Management Society Meeting September 27

The IEEE Engineering Management Society chapter will hold its Annual Meeting on September 27, 2007 at 4:00 PM at the Infotonics Technology Center, Canandaigua, NY. The theme of the meeting is "Incubating New Disruptive (Technology) Ventures."

Speakers include:

- David R. Smith, President & CEO, Infotonics Technology Center
- Stephen P. Hoover, VP, Xerox Research Center Webster
- J. Monteith Estes, Managing Partner, Jaeckle, Fleischmann & Mugel

Whether in an established company or fledgling start-up, leading a new venture is a challenging, but potentially very rewarding endeavor. A leader of such an effort must accept and manage technical and business uncertainty for their team and the team's "backers". A technical leader must help choose a venture path (corporate entrepreneurship, joint ventures, technology/business acquisitions, venture funding, spin out) and execute along that path. They must work to balance the need to take risks to achieve technical success and the need for predictability in results.

Through a combination of individual presentations, Q&A panel discussion, and tour of a local incubation center you will learn from senior technical managers involved in internal incubation in established companies, those incubating in start-ups, and those actively supporting new ventures through incubators like the Infotonics Center.

Full details on the event can be found in the full-page announcement in this issue.

IEEE Signal Processing Society Workshop September 28

The Rochester Chapter is sponsoring the 2007 Western New York Image Processing Workshop on Friday, September 28, 2007. The workshop will be held at the Chester F. Carlson Center for Imaging Science Auditorium, Building 76, Rochester Institute of Technology.

The aim of this workshop is to promote interaction between image processing researchers in and around Western New York. Researchers from both academia and industry are invited to participate. Interaction will be encouraged by keeping the number of participants to less than one hundred, having a single track of presentations, and providing an informal lunch.

In addition to presentations of invited and solicited papers, the workshop will have two plenary talks delivered by renowned experts in their fields.

Visit the Workshop's website for more information on the workshop:
http://ewh.ieee.org/r1/rochester/sp/IP_workshop2007/workshop07.htm

New IEEE Career Navigator Website

The Career Navigator Website is being re-launched. IEEE members can access it at <http://careers.ieeeusa.org> . Log in to Career Navigator using your IEEE Web Account.

It now provides services from *JibberJobber* and *Simply-Hired* to help you manage job searching, networking and career maintenance. A broad level of services is provided for free, or members can choose to upgrade to premium accounts.

The regular package allows members to manage up to 75 prospective employers, recruiters, or job boards and up to 75 networking contacts. The application can also help you to manage action items, applied jobs, documents and summary reports and expenses.

Details on the expanded premium package and the discount prices are also available for your review.

If you have any questions, comments or suggestions please contact the Rochester Section PACE Chair, Joe DeVita at: roc-section-PACEChair@ieee.rochester.ny.us.

31st Annual EDS/CAS Activities in Western New York Conference

The conference will be on November 7, 2007 at the Xerox Auditorium, Gleason Building, Rochester Institute of Technology.

The focus of this conference is to bring engineers and researchers together to share information on a wide variety of topics related to microelectronic devices and systems, allowing one to become acquainted with others of similar interest in nearby locations.

Abstracts are being solicited for contributed talks and poster presentations, especially those which promote research and development activity in Western New York consisting of the greater Buffalo, Rochester, Ithaca and Syracuse areas. Abstracts must be received

by October 19 for contributed talks, and by October 26 for posters. Submission can be done electronically via email to kdhemc@rit.edu using MS-Word or PDF formats.

EDS Conference Chair is Dr. Karl D. Hirschman, Microelectronic Engineering Department, Rochester Institute of Technology. Phone 585 475 5130.

See the full announcement in this newsletter, or visit the EDS website for more information: <http://www.microe.rit.edu/eds.html>



Engineering Management Society

2007 Annual Meeting

Thursday, September 27th, 4:00 PM

Infotonics Technology Center, Canandaigua, NY

Incubating New Disruptive Technology Ventures

Whether in an established company or fledgling start-up, leading a new venture is a challenging, but potentially very rewarding endeavor. A leader of such an effort must manage technical and business uncertainty, choose a venture path (corporate entrepreneurship, joint ventures, technology/business acquisitions, venture funding, spin out), and balance the need to take risks while delivering predictable execution.

Invited Speakers



Dr. Stephen P. Hoover

VP and Center Manager
Xerox Research Center Webster
Xerox Corporation.

<http://www.xerox.com/innovation/wcrt.shtml>



David R. Smith

President & CEO
Infotonics Technology Center

www.infotonics.org



J. Montieth Estes,

Managing Partner - Rochester, Jaeckle
Fleischmann & Mugel;
and Upstate Venture Association of NY

www.jaeckle.com

The evening's program:

- 4:00 pm Welcome and Networking
- 4:30 pm Tour of Infotonics Technology Center
- 5:30 pm Individual presentations by invited speakers and dinner
- 6:30 pm Q&A panel discussion
- 7:30 pm Tour of Infotonics Technology Center (repeat for late arrivals)

Registration: \$6.00 includes informal dinner [appetizers, entrees and desserts] and events
To register please contact the RES registrar at 585-254-2350 or res@frontiernet.net
Payments can be mailed to RES, c/o IEEE-EMS, 150 State St., Rochester, NY 14614

See Rochester Engineering Society <http://www.roceng.org/> Calendar of Events for a link to updated details.

We would like to collect questions you'd like to see addressed at this event. Please submit them to Bill Fowlkes, william.fowlkes@kodak.com or 585-588-9424 anytime before the event.

Hosted by:
Infotonics Technology Center
5450 Campus Dr
Canandaigua, NY 14424





2007 WESTERN NEW YORK IMAGE PROCESSING WORKSHOP

Friday, September 28, 2007
Rochester Institute of Technology
Chester F. Carlson Center for Imaging Science Auditorium
Building 76
79 Lomb Memorial Drive
Rochester, NY 14623
(Parking Lot F)

Sponsored by the Rochester Chapter of the IEEE Signal Processing Society,
The Center for Electronic Imaging Systems,



Eastman Kodak Company
Xerox Corporation *Leuze lumiflex, Inc.*

Workshop Scope

The aim of this workshop is to promote interaction between image processing researchers in and around Western New York. Researchers from both academia and industry are invited to participate. Interaction will be encouraged by keeping the number of participants to less than one hundred, having a single track of presentations, and providing an informal lunch.

Original manuscripts in (but not limited to) the following areas are solicited:

- Content-Based Image and Video Retrieval
- Color Imaging
- Document Image Processing
- Image and Video Coding
- Image and Video Content Management
- Image Enhancement and Manipulation
- Internet Imaging
- Medical Imaging
- Multimedia Security and Watermarking
- Video Processing

In addition to presentations of invited and solicited papers, the workshop will have two plenary talks delivered by renowned experts in their fields.

Paper Submission

Prospective authors should send an email with the title and an abstract of their presentation and names of authors in **plain ASCII format** by **August 20, 2007** by **electronic mail** to:

David Coumou
e-mail: DavidCoumou@ieee.org

All submissions should include author's name, affiliation, and e-mail address. Notification of acceptance will be sent by September 5, 2007. Authors are encouraged to send a brief email indicating their intent to participate and the topic of their presentation by August 6, 2007 in order to allow the committee to organize the sessions - though this is not a requirement.

Authors of accepted papers will be requested to send electronically an extended summary (4 pages at most) by September 10, 2007. Preferred formats for the extended summary of accepted presentations are PDF and Postscript (images encapsulated). Summaries will be compiled and distributed at the workshop in paper form and in advance in their on-line form. Final papers will only be published on-line.

In order to encourage participation by students, we will present a best student paper award.

Workshop website: http://ewh.ieee.org/r1/rochester/sp/IP_workshop2007/workshop07.htm

Organizing Committee:

Majid Rabbani, Eastman Kodak Company

David Coumou, MKS Instruments, Inc.

John Handley, Xerox Corporation

Gaurav Sharma, University of Rochester

Eli Saber, Rochester Institute of Technology



MEETING ANNOUNCEMENT & CALL FOR ABSTRACTS

31st Annual EDS/CAS Activities in Western New York Conference November 7, 2007

*Xerox Auditorium, Gleason Building
Rochester Institute of Technology
Rochester, NY*

The focus of this conference is to bring engineers and researchers together to share information on a wide variety of topics related to microelectronic devices and systems, allowing one to become acquainted with others of similar interest in nearby locations. This year the conference will be held at the Rochester Institute of Technology.

Invited Speakers:

We are excited to have Prof. Ioannis Kymissis from the Electrical Engineering Department at Columbia University as an invited speaker. His research focuses on thin film devices and systems, especially focusing on optoelectronic and sensing devices based on organic and amorphous metal oxide thin film materials. We have another invited speaker pending availability.

Call for Abstracts:

Abstracts are being solicited for contributed talks and poster presentations, especially those which promote research and development activity in Western New York consisting of the greater Buffalo, Rochester, Ithaca and Syracuse areas. Abstracts must be received by October 19th for contributed talks, and by October 26th for posters. Submission can be done electronically via email to kdhemc@rit.edu using MS-Word or pdf formats.

*EDS Conference Chair: Dr. Karl D. Hirschman
Microelectronic Engineering Department
Rochester Institute of Technology
Ph. 585-475-5130*

Visit our EDS website at
<http://www.microe.rit.edu/eds.html>