



## IEEE NEWS FOR NOVEMBER 2011

**Jacob Z. Schanker, P.E., Newsletter Chair**

**Rochester IEEE home page at: <http://rochester.r1.ieee.org>**

**(Always check the web PDF edition for late changes and additions)**

### **Rochester Section Meeting – Tuesday, November 1, 2011 at 12 Noon**

The next Rochester Section business meeting is on Tuesday, November 1, 2011 at 12:00pm, 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 \$3 for IEEE members. No reservation or RSVP is needed, just show up.

### **Officer nominations for 2012**

The Rochester Section nominations committee, comprising Jayanti Venkatarama, Jean Kendrick, Dave Qualich, and Paul Lee (chair) have announced the following slate of candidates for section officers in 2012:

Chair: William Y. Fowlkes

Vice Chair: Eugene F. Saltzberg

Awards: Andrew C. Gallagher

Secretary: (not yet available)

Treasurer: Dennis Thompson

These represent the elective offices in the Rochester section. Other Executive Committee positions are filled by appointment of the Chair, with the approval of the Excom.

Our bylaws also allow for nominations for section officer positions to be made by petition, which must be received by November 1, 2011. To be valid, nominating petitions must be signed by twelve or more Rochester Section members of member grade or higher. Petitions may be mailed to the IEEE Rochester Section, c/o RES, 150 State Street, Rochester, NY 14614

If no valid petitions are received, the election will be by voice vote at the December 6, 2011 Section meeting. If any valid petitions are received, the election will be by mailed

ballot sent to all members in the Rochester Section eligible to vote. A ballot included with the Rochester Engineer mailing fulfils this requirement. Officers begin their terms on January 1, 2011.

## **IEEE Technology Management Council TMC**

Rochester Section TMC and PACE are co-sponsoring an immigration reform lecture series at RIT organized by Professor Ron Hira, Associate Professor of Public Policy at RIT and an expert on the effects of offshore outsourcing, and two colleagues, Andrea Hickerson (Communications/Journalism) and Christine Kray (Chair of Sociology). The first event held on October featured "Sensible Immigration Policy" by former Labor Secretary Ray Marshall. An engaging talk with insightful observations, experiences and stories by Ray Marshall, a member of Jimmy Carter's Cabinet, this was enjoyed by over 30 attendees including 5 IEEE Section members. The next event is on November 8<sup>th</sup>.

**Date:** Tuesday, November 8, 2011

**Time:** 4:00pm

**Location:** RIT, Golisano Hall (Building 70) Room 1400, signs will direct you to the room. Lot J is the closest parking.

**Speaker:** Author Jeffrey Kaye

**Title:** Moving Millions: How Coyote Capitalism Fuels Global Immigration

This event is free and open to the public. For more information, please contact Ron Hira at (585) 475-7052 or [rhir@rit.edu](mailto:rhir@rit.edu). Interpretation services will be provided for the event.

## **Electron Devices / Circuits & Systems Societies – Nov. 16, 2011**

The Thirty-Fifth Annual EDS/CAS Activities in Western New York Conference will be held on Wednesday, November 16, 2011 at the Louise Slaughter Building on the RIT campus (CIMS, Bldg. 78) in conference rooms 2210-2240.

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 RIT in the CIMS facility on the west side of the campus (please visit <http://facilities.rit.edu/campus/maps/> ).

The conference registration will be at 10:30am, and the first invited presentation will follow opening remarks at 11am. A luncheon will be served to those that attend the 11am presentation and pre-register on our website. To register, please visit <http://www.rit.edu/kgcoe/ue/eds.php>.

Following the lunch the talks will resume at 1pm. There will be an afternoon coffee break, and a poster session reception, will begin at 5pm immediately following the “Flash Nano” talks by the poster presenters.

The invited speakers are still to be confirmed. Tentative topics are emerging microelectronic devices and semiconductor manufacturing in New York State. *Please see the conference website for updates.*

## **Computer and Computational Intelligence Joint Chapter Meeting**

Dr. Richard Zanibbi will talk about Computational Intelligence at a meeting of the IEEE Rochester Section Computer and Computational Intelligence Joint Societies Chapter on Thursday, November 10. The meeting will be held in Room 2400 of Golisano Hall at RIT with pizza at 6:30 pm and the talk beginning at 7 pm. This will be the first meeting of the joint chapter since the Computer Society and Computational Intelligence chapters became a joint chapter.

Dr. Zanibbi is an Assistant Professor in the Department of Computer Science, and is cross-appointed to the RIT Center for Imaging Science graduate program. Dr. Zanibbi's research interests include theories and tools used to construct pattern recognition systems, document recognition and retrieval (particularly for mathematical notation), and CAPTCHAs (tests for distinguishing people from machines online).

There will be a voluntary donation for the refreshments for non-IEEE members.

## **Reminder: 2011 Freescale Technology Symposium Nov. 3**

The symposium has two tracks of hands-on workshops, and other tracks of tutorials. Particularly important this year is that there is a session dealing with the design with magnetometers for compass and gyros design for auto pilot and digital compass to combine with GPS for location identification. IEEE members are encouraged to attend, and walk away with some free gifts to take home. See last month's IEEE news for details. You can register online for the free symposium at [www.freescale.com/FRTS](http://www.freescale.com/FRTS).

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# IMMIGRATION POLICY LECTURE SERIES

## *Moving Millions: How Coyote Capitalism Fuels Global Immigration*



### **Author Jeffrey Kaye**

**Tuesday, November 8  
4:00pm**

**Rochester Institute of Technology  
Golisano Hall Auditorium**

**20 Lomb Memorial Drive, Building 70 Room 1400**

**\*\*This event is free and open to the public\*\***

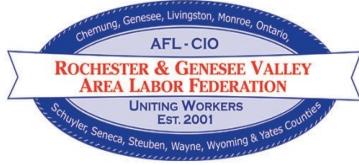
This lecture will introduce "coyote capitalism," the idea that workers, like other resources, are supplies to be shifted around to meet demand. Author Jeffrey Kaye will discuss the connections between globalization, economic growth, and immigration debates taking place in America and other industrialized countries.

Jeffrey Kaye is a freelance journalist, writer, and producer. He is the author of [Moving Millions: How Coyote Capitalism Fuels Global Immigration](#) (Wiley, 2010). He worked as a correspondent for the PBS NewsHour for 25 years, and he continues as a contributor to the NewsHour and to "World Report," the public affairs program of HDNet television.

**Sponsored by:**

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Department of Communication  
Department of STS/Public Policy  
Urban and Community Studies Program  
Department of Sociology/Anthropology



**For more information, please contact  
Ron Hira at (585) 475-7052 or  
[rhir@rit.edu](mailto:rhir@rit.edu)**

**Interpretation services will be  
provided for the event.**



## MEETING ANNOUNCEMENT & CALL FOR ABSTRACTS

*35<sup>th</sup> Annual EDS/CAS  
Activities in Western New York Conference  
Wednesday, November 16, 2011*

*Louise Slaughter Building on the RIT campus  
(CIMS, Bldg. 78, Conference Rooms 2210-2240)  
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 RIT in the CIMS facility on the west side of the campus (please visit <http://facilities.rit.edu/campus/maps/> ).

The conference registration will be at 10:30AM, and the first invited presentation will follow opening remarks at 11AM. A luncheon will be served to those that attend the 11AM presentation and pre-register on our website (please visit <http://www.rit.edu/kgcoe/ue/eds.php> ). Following the lunch the talks will resume at 1PM. There will be an afternoon coffee break, and a poster session reception will begin at 5PM immediately following the “Flash Nano” talks by the poster presenters.

### ***Invited Speakers:***

The invited speakers are still to be confirmed. Tentative topics are emerging microelectronic devices and semiconductor manufacturing in New York State. **Please see the conference website for updates.**

### ***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 31<sup>st</sup>. Submission can be done electronically via email to [kdhemc@rit.edu](mailto:kdhemc@rit.edu) using MS-Word or pdf formats.

***See the website listed below for the conference registration, invited talk details and the latest agenda updates!***

**EDS Conference Chair: Dr. Karl D. Hirschman**  
Electrical and Microelectronic Engineering Department  
Rochester Institute of Technology  
Ph. 585-475-5130  
Visit our EDS website at: <http://www.rit.edu/kgcoe/ue/eds.php>

# 2011 Western New York Image Processing Workshop

November 14, 2011

Rochester Institute of Technology, CIMS Building

<http://ewh.ieee.org/r1/rochester/sp/WNY11.htm>

## Organizing Committee:

Andrew Gallagher  
Eastman Kodak Company

Beilei Xu  
Xerox Corporation

David Odgers  
Xerox Corporation

Dhiraj Joshi  
Eastman Kodak Company

Edgar Bernal  
Xerox Corporation

Michel Molaire  
Eastman Kodak Company

Minwoo Park  
Eastman Kodak Company

Nathan Cahill  
Rochester Institute of  
Technology

Paul Lee  
ITT Corporation

The Western New York Image Processing Workshop (WNYIPW) is a venue for promoting image processing research in our area and for facilitating interaction between academic researchers, industry researchers, and students.

## Topics include, but are not limited to:

Image and Video Compression	Image Rendering
Image and Video Forensics	Printing Applications
Image and Video Processing	Image Retrieval
Image Formation	Computer Vision
Image and Color Science	Remote Sensing
Medical Imaging and Analysis	Archival Imaging
Imaging applications including consumer devices, security, surveillance, document imaging, art restoration and analysis, and astronomy.	

**Paper Submission:** Prospective authors are invited to submit their paper at <https://cmt2.research.microsoft.com/WNYIPW2011>. To encourage student participation, a best student paper award will be given.

Submission of paper (4 pages):	October 8, 2011
Notification of Acceptance:	October 22, 2011
Submission of final paper (4 pages):	November 2, 2011

Fees are kept to a minimum and are primarily intended to cover the costs associated with holding the workshop. Tentatively,

General Registration:	\$45
Student Registration:	\$25
IEEE or IS&T Membership:	\$25
IEEE or IS&T Student Membership:	\$15

The workshop, now in its 14<sup>th</sup> year, is jointly sponsored by the Rochester chapter of the IEEE Signal Processing Society and the Rochester chapter of the Society for Imaging Science and Technology. The workshop is supported by the IEEE SPS, IS&T, the Center for Electronic Imaging and Systems, and Xerox.



Society for Imaging  
Science and Technology



the **sensor** people

