Rochester Section Meeting – Tuesday, May 6 at Noon

The next monthly Rochester Section business meeting is on Tuesday, May 6, at 12:00pm, at the **Hibachi Sushi Buffet Restaurant** in South Town Plaza on Jefferson Road (Route 252) just west of West Henrietta Rd. (Route 15). Any IEEE member is invited to attend. Lunch is only $3 for IEEE members. No reservation or RSVP is needed, just show up.

From the Section Chair, Greg Gdowski

If you missed the Joint Chapter meeting, you really missed a great networking opportunity. The JCM was held on April 7th at the RIT Inn & Conference Center. Approximately 80 members attended the dinner. The meeting had 8 technical presentations to choose from, and nearly 20 student posters were presented from across the Rochester Section. Dinner guests had the pleasure of listening to two keynote presentations. Tony Whitman spoke about "NASA's James Webb Space Telescope". Author and RIT faculty member Ron Hira spoke about "A Decade of Offshoring: Trends, Implications, and Public Policy." The Section greatly appreciates the help of Vice Chair Matt Sidley, Judy Principe, and several poster judges who were instrumental in organizing and coordinating the overall meeting. We also would like to thank each of the groups that helped to organize the technical sessions. A special thanks goes to the Center for Medical Technology & Innovation at the University of Rochester for sponsoring the poster competition. Congratulation to the three teams that won prizes for their contributions to the poster competition!

The Rochester Engineering Symposium sponsored by Rochester's Technical and Engineering Societies and RIT was held on April 8, 2014 at the Radisson Hotel Rochester Riverside. The Rochester Section thanks Dave Krispinsky and Kip Finley for moderating the IEEE-sponsored Electrical track. Six presentations by Benjamin Brown, Dennis A. Thompson and Frank J. Ryan, Karyn Caverly and Chris Tones, Oscar Bolado, and Greg Gdowski were given within the track. Participants were able to earn up to 7 PDH credits at the Symposium.

In advertising the Joint Chapter Meeting to the membership, it became clear to me that a number of members have entered invalid email addresses or have selected to not receive communications via email in association with their IEEE membership. The easiest and quickest way for us to keep you informed about upcoming events is by email. Please visit the IEEE website (http://www.ieee.org) and verify your contact information. Also, be sure to check your email address and to select the option to receive communication via email. That will allow us to keep you informed as events evolve within the Section. I also have some great news if you have not yet renewed your membership. The annual half-year membership dues period has begun!

We need your help! If you are a member of the Photonics Society Chapter, I will be contacting you very soon. The Rochester Chapter of the Photonics Society is in imminent danger of becoming inactivated. We have an immediate need for local members of the Photonics Society to fill **all officer roles** in order to maintain the status of the Chapter. Please contact one of the Rochester Section IEEE Officers today for more information as to how you can help with the local Photonics Society Chapter.

Events:
The Hajim School of Engineering & Applied Sciences at the University of Rochester will host Design Day on May 2nd from 10:30-1:30pm at the Goergen Athletic Center Field House (720 Library Road, Rochester). The day will include displays of Senior Design projects from Biomedical Engineering students, Optics, ChE, MechE, ECE, and CS. Please send your R.S.V.P. to Judy Principe to receive a parking permit (Judith.principe@rochester.edu).

Awards totaling $10,000 will be handed out for senior design projects at the Rochester Institute of Technology. The Rochester IEEE Section has continued to be a sponsor of the Student Design Contest at RIT. *The event is open to all students from an accredited undergraduate engineering program*. The event is scheduled for May 10th. This is a great opportunity to see the work of the newest graduating engineers in our region. Please register at: http://ieeesdc2014.eventbrite.com.

The **2014 IEEE-USA Annual Meeting** is being held on May 15–18 at the Crowne Plaza Providence-Warwick, Warwick, Rhode Island. This year's event is being organized and hosted by the members of the IEEE Providence Section and Region 1. Held in scenic New England, this venue is the perfect opportunity to bring your family along for a few extra vacation days. Download the meeting tri-fold at: http://sites.ieee.org/innotek/files/2014/01/2014AMTC_ProgramFlyerRev6.pdf.

On June 17-18th, the Rochester Institute of Technology will be hosting the second annual "Effective Technology Conference" at the Rochester Riverside Convention Center. This two-day conference will feature speakers, exhibits, and poster sessions. It is a great opportunity to share ideas and innovative solutions to the challenges of

applying technology to make access for individuals truly effective. Please visit their web pages at: http://www.rit.edu/research/access/

Please mark and hold August 2, 2014 on your calendar. That is the date of the Rochester Section's Centennial Banquet at the Hyatt Regency Hotel located in downtown Rochester. The meeting will occur in tandem with the Region 1 Board of Governors meeting in Rochester. The IEEE Region 1 leadership has been invited to attend Rochester's Centennial Banquet. This is a great opportunity for the Section to showcase its history and activities. This is also an exceptional opportunity for Rochester members to network with IEEE leadership.

If you are looking for a cheap $3 lunch, join us for the next monthly Rochester Section IEEE Executive Committee meeting. It will be from 12-1pm on May 6th at the Hibachi Sushi Buffet in Southtown Plaza (3333 W. Henrietta Rd, Henrietta, NY). Please join us to learn more about the Section, and how you may contribute.

IEEE Life Members Affinity Group – May 7 meeting

The IEEE Life Members Affinity Group will have lunch and a program planning meeting at noon on May 7th at the Rochester Yacht Club which is located at 5555 St. Paul Blvd in Irondequoit. The purpose of the meeting will be to plan our 2014 programs and discuss participation in the upcoming celebration of the 100 Year Anniversary of the Rochester Section of IEEE. Please advise by May 5th if you are planning to attend this meeting by sending an email to Carol Richardson at carol.richardson@rit.edu. If you are unable to attend this meeting, you are invited to send your program ideas for Life Member Affinity Group 2014 activities and suggestions for participation in the upcoming 100 Year Anniversary celebration to the group chair Henry Simon at henrysimon@frontiernet.net.

IEEE Scholarship Winners

Congratulations to the two recipients of this year's Rochester Section IEEE scholarship.

Jeremy Warner is an Electrical and Computer Engineering major at The University of Rochester. He is currently the president of UR's student branch of IEEE as well as a member of Tau Beta Pi and Golden Key honor societies. Jeremy's extra-curricular activities include participation in the Urban Exploring Club, of which he is president and varsity men's rowing team. After completion of his bachelor's degree, Jeremy plans on staying at UR to complete his master's degree.

Jackson Anderson is a Microelectronics Engineering major at RIT with a concentration in American Sign Language. He belongs to the student chapter of the IEEE and Tau Beta Pi engineering honor society. Jackson is an active volunteer involved with Campus Crusade for Christ, in which he is the events coordinator. He is also a Microelectronics tutor and a mentor for Churchville Chili's FIRST Robotics team. Jackson's future plans include graduate school.

Student Poster Contest Winners at Joint Chapters Meeting

1	Evolution of Android Applications	RIT	Casey Klimkowsky, Adam Blaine, Shannon Tredeau, Daniel Krutz
2	Distributed-Cloud Computing to Support Computationally Complex Bio-Applications	UofR	He Ba
3	Parametric Imaging of 3-D Engineered Tissues using High Frequency Ultrasound	UofR	Karla Mercado

At the Joint Chapters Meeting

Student poster contest winners with Vice-Chair Matt Sidley

Keynote speaker (and IEEE member) Ron Hira
and Rochester Section Vice-Chair, Matt Sidley

Keynote speaker Ron Hira

Free E-book for IEEE members

In May, IEEE-USA E-Books will offer "Educating 21st Century Engineers" free to members.

IEEE Fellow Dr. James Gover and Dr. Paul Huray wrote this e-book to raise awareness of the declining interest many U.S. students have in a career in engineering. The authors advocate for the federal government to declare engineering a public good, and for corporations to fill a major role in engineering education -- as engineers invent, improve, design and manage the production of technology that drives much of our economy.

Congratulations to our new Senior Members

Newly elevated to Senior member are: Raymond Ptucha, a member of the Signal Processing Society; Raja Bala, a member of the Signal Processing Society; and Dhireesha Kudithipudi.