



2013 Rochester Section Joint Chapters Meeting

The Rochester IEEE Society will be hosting a joint meeting for all IEEE chapters on April 17, 2013 that is open to the general public. The meeting will focus on the economic forecast for technology-driven companies and will highlight startup companies and new technologies being developed regionally in the Rochester area. The meeting will feature a keynote presentation by Dr. Kent Gardner and two parallel sessions with technical presentations from different chapters and societies. Don't miss this great opportunity to meet and network with people from all engineering disciplines and to learn more about the activities of the different IEEE chapters and societies in the Rochester area. The technical sessions are free to attend. Reservations are required to attend the dinner and keynote presentation (\$30 for IEEE members, \$40 for nonmembers, and \$15 for student members).

April 17, 2013

RIT Inn & Conference Center, 5257 W. Henrietta Road

Registration and refreshment:	4:00 – 4:30 PM
Technical Presentations Session I:	4:30 – 5:30 PM
Technical Presentations Session II:	5:30 – 6:30 PM
Networking (cash bar):	6:30 – 7:00 PM
Dinner & Keynote Presentation:	7:00 – 9.30 PM



Keynote Speaker

Dr. Kent Gardner

Chief Economist and Chief Research Officer
Center for Governmental Research

Prospects for Technology-Driven Business in Rochester

Dr. Gardner joined CGR in 1991 as Director of Economic Analysis and served as President from 2005 to 2012. He is immediate past president of the national Governmental Research Association and currently serves as Secretary. Previously he was Associate Professor of Economics at Potsdam College of the State University of New York, where he also founded the North Country Economic Research Center. His previous experience includes serving as senior economist for a Saratoga Springs NY-based consulting group. Dr. Gardner holds B.A., M.A. and Ph.D. degrees from the University of Wisconsin at Madison.

Reservations (required for dinner):

[Register on-line](#) (pay-pal accepted) or contact Greg Gdowski at Greg_Gdowski@urmc.rochester.edu

Dinner: \$30.00 (IEEE members), \$40.00 (Non-members), and \$15 for Student members.

Further details and on-line registration at: https://meetings.vtools.ieee.org/meeting_view/list_meeting/17093

Parallel Technical Presentations

Session I (4:30-5:30PM)

Technology Management Council -- Springtime for Optics, Photonics, and Imaging in Rochester: The POMATECH Initiative, Dr. Mark Bocko, Center for Emerging and Innovative Sciences, Director, University of Rochester, Department of Electrical and Computer Engineering

Communications / Aerospace and Electronic Systems Societies Joint Chapter – Science of Security Configuration Analytics and Automation, Dr. Ehab Al-Shaer, Professor and the Director of the Cyber Defense and Network Assurability (CyberDNA) Center and the Director of NSF IUCRC Center on Configuration Analytics and Automation in the School of Computing and Informatics at University of North Carolina.

Electromagnetic Compatibility Society / Product Safety Engineering Society -- TBA, Victoria Spinanger, System Safety Engineer, Saab Sensis.

Computer/Computational Intelligence Societies Joint Chapter -- Peano Curves and *-Trees for Computations on Large Images, Dr. Guna Seetharaman, Information Intelligence Systems and Analysis Division, Information Processing Directorate, Air Force Research Laboratory.

Engineering in Medicine and Biology Society -- Femtosecond Micromachining and Application to Noninvasive Vision Correction, Dr. Wayne Knox, Professor, University of Rochester, Institute of Optics, A Clinical Immersive Training Program Focused on the Commercialization of Medical Technology, Dr. Greg Gdowski, Center for Medical Technology & Innovation, Director, University of Rochester, Department of Biomedical Engineering.

Session II (5:30-6:30PM)

Microwave Theory & Techniques/AP -- Advanced Computational Tools for Antenna Design and Placement Studies, Dr. C. J. Reddy. President, Applied EM, Inc. EM Software & Systems (USA) Inc., Hampton, Virginia.

Signal Processing Society – Biomedical Signal Processing Applications to Enhance Diagnostic and Treatment Technologies. Dr. Behnaz Ghoraani, Rochester Institute of Technology, Biomedical Engineering.

PACE -- Panel Discussion - Innovation and Entrepreneurship – Taking Ideas to the Next Level, Bill Jones, RIT Venture Creations, Bob Kot, High Tech Rochester, Brian Kane, Rochester Professional Consultants Network, Mark Gibson, Xelic Inc

Geoscience & Remote Sensing -- Physics-based modeling of imagery for remote sensing applications. Dr. Michael Gartley, Associate Scientist in the Digital Imaging and Remote Sensing Laboratory at RIT.

Computer/Computational Intelligence Societies Joint Chapter -- Real-World Gaze Manipulation for Training Applications, Dr. Reynold Bailey, Rochester Institute of Technology, Computer Science.

*No charge for attending technical presentations. Reservation / registration not required.

Dinner Selections

Prime Rib of Beef

Ten Ounces, slow-roasted
with Natural Juices

Or Seared Salmon

Prosecco Cream Sauce

Or Spicy Orecchiette

Pasta with Mixed Vegetables
in Arrabiata Sauce

All dinners include salad, dinner roll basket, coffee, tea, and dessert

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