



**ROCHESTER SECTION
IEEE NEWS FOR JANUARY 2014**

Jacob Z. Schanker, P.E., Newsletter Chair
The Rochester section web site is at: <http://rochester.ieee.org/>

Rochester Section Meeting – Tuesday, January 7th at Noon

The next Rochester Section business meeting is on Tuesday, January 7 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.

The 100th Anniversary of the Founding of the Rochester Section

It may seem like yesterday to some of you, but it has actually been almost one hundred years since the Rochester Section of the American Institute of Electrical Engineers (AIEE) was first formed. The AIEE was one of the two predecessor societies to the IEEE, the other being the Institute of Radio Engineers (IRE). The societies merged in 1963 to form the IEEE

The Rochester Section doesn't really have much of a historical record of our operations, but one gem I was able to obtain through IEEE headquarters is the original letter from the AIEE headquarters, authorizing the formation of the Rochester section. This two page, hand-typed letter is dated October 10, 1914, and is addressed to Mr. John C. Parker of the Rochester Railway, Light and Power Company. The letter is reproduced, in full, at the end of this newsletter.

Also, included this month is the complete list of chapter chairs of the AIEE, IRE, and the IEEE from 1914 to 2014. This represents the chain of continuity that keeps our Rochester section a vital organization.

The section recently voted on a logo to represent our centennial year. The winning logo was submitted by Madeline Loui, age 14. The runner-up was submitted by Alicia Loui, age 12. They are both daughters of our 2010-11 Chair, Alex Loui.



2014 Centennial Logo



Runner-up



Madeline and Alicia Loui

Section Officers for 2014

Chair: Greg T. Gdowski
Vice Chair: Matthew Sidley
Treasurer: Dennis Thompson
Secretary: Raymond Ptucha

IEEE Electron Devices Society Chapter Report

The 37th Annual IEEE EDS Activities in Western New York Conference event was held at RIT on November 13th, 2013 at the Center for Integrated Manufacturing Studies, Louise Slaughter Hall. Invited presentations included, “Thin-film Electronics by Spatial ALD” by Shelby F. Nelson from Eastman Kodak Company, and “Functional Printing of Devices and Materials” by Denis Cormier from Industrial & Systems Engineering at RIT.

Contributed talks and poster presentations were given by researchers from the University of Rochester, State University of New York at Buffalo, and RIT. The conference was organized by the Rochester EDS section officers, with assistance from faculty, staff and students in the Electrical and Microelectronic Engineering Department at RIT.

Visit the website for the invited talk details and the full conference agenda. We look forward to seeing you next Fall at the 38th annual event!

<http://www.rit.edu/kgcoe/eme/EDSWNY>

IEEE Rochester Section Scholarship Announcement

The Rochester Section of the Institute of Electrical and Electronics Engineers (IEEE) awards two \$1500 college scholarships annually to student members of the IEEE who meet the following qualifications:

1. Is an undergraduate student in good standing in an engineering, engineering technology, science or technology curriculum in an ABET accredited program.
2. Has completed two years and/or achieved Junior standing (or equivalent) in the program defined in number 1 above.
3. Has an overall grade point average of at least 3.0 out of 4.0 (or equivalent).
4. Plans to continue engineering, engineering technology, science or technology studies in an undergraduate ABET accredited program in September following presentation of the award.
5. Is a resident of Allegany, Monroe, Genesee, Livingston, Ontario, Orleans, Steuben, Wayne, or Wyoming Counties of New York or is enrolled in a college in one those counties.

Please contact the chair of the IEEE Scholarship committee, Jeanne Christman at jxciee@rit.edu with questions. The scholarship application can be found at

www.roceng.org.

Congratulations to our latest Senior members

Elevated to Senior Members at the recent Admission & Advancement meeting held with the cooperation of the Chile section, were two members of the Rochester Section: Dmitry Sizov, and Steven Richeson, who is a member of the Communications Society.

Free E-book on start-ups for IEEE members

In January, IEEE-USA E-Books will offer “Starting Your Start-Up – Book 1: Developing a Business Plan” by Tanya Candia.

The “Starting Your Startup” series is designed for the engineer or entrepreneur who has a promising product or service idea but no real marketing expertise. Book 1 shows you how to develop an initial business plan that contains just enough information to get started. It will help you define your concept clearly and concisely, build an effective elevator pitch, communicate your product and company positioning, and identify your critical success factors.

“Starting Your Start-up – Book 1: Developing a Business Plan” can be downloaded in January at <http://www.ieeeusa.org/communications/ebooks/files/6ni3nslk/Starting-Your-Start-Up-Book-1.pdf> for free to IEEE members. The non-member price is \$9.99.

To purchase IEEE members-only products, and to receive the member discount on eligible products, members must log in with their IEEE Web account.

Chairs of the Rochester Sections of the AIEE and the IRE

	AIEE	IRE
1914-1915	J.C. Parker (Organized 7/24/14)	
1915-1916	E.L. Wilson	
1916-1917	O.W. Bodler	
1917-1918	F.C. Taylor	
1918-1919	R.H. Manson	
1919-1920	J.W. Morrison	
1920-1921	H.J. Schiefer	
1921-1922	S. Alling	
1922-1923	G.A. Scoville	
1923-1924	W.S. Burch	
1924-1925	F.T. Byrne	
1925-1926	A.E. Soderholm	
1926-1927	E.C. Karker	Virgil M. Graham (Organized 2/19/26)
1927-1928	Roger D. DeWolf	Harvey J. Klumb
1928-1929	Harry E. Gordon	Adolph B. Chamberlain
1929-1930	Virgil M. Graham	Earl C. Karker
1930-1931	Harvey J. Klumb	Harry E. Gordon
1931-1932	Frederic C. Young	Howard A. Brown
1932-1933	Charles F. Estwick	Arthur E. Soderholm
1933-1934	Edward G. Eidam	Arthur L. Schoen
1934-1935	William M. Young	Harvey J. Klumb
1935-1936	Ernest K. Huntington	Earl C. Karker
1936-1937	E.H. Branson	Lee A. DuBridge
1937-1938	Berlyn M. Werly	Lee A. DuBridge
1938-1939	Clarence L. Smith	Harvey J. Klumb
1939-1940	Clarence E. Tuites	William F. Cotter
1940-1941	William F. Cotter	Henry C. Sheve
1941-1942	C.F. Harris	Harvey J. Klumb
1942-1943	Ralph A. Whitford	Oliver L. Angevine, Jr.
1943-1944	Walter Criley	Oliver L. Angevine, Jr.
1944-1945	Oliver L. Angevine, Jr.	Dr. George R. Town
1945-1946	Ernest B. Kempster, Jr.	Dr. George R. Town
1946-1947	Dr. George R. Town	Arthur E. Newlon
1947-1948	Allan F. Martin	Arthur E. Newlon
1948-1949	Charles G. Plomarsen	Kenneth J. Gardner
1949-1950	John H. Rogers	Kenneth J. Gardner
1950-1951	Earle M. Morecock	John A. Rodgers
1951-1952	John A. Gienger	John A. Rodgers
1952-1953	Russell H. Rankin	Garrard Mountjoy
1953-1954	Frank C. Starr	Allan Holstrom
1954-1955	Alfred V. Dasburg	Allan Holstrom
1955-1956	Howard A. Brown	George H. Haupt

1956-1957	Lynn C. Holmes	William F. Bellor
1957-1958	Joel T. Johnson	Beryl L. McArdle
1958-1959	Stanley P. Bartles	Robert E. Vorsteen
1959-1960	Howard L. Foote	Frederick A. Mitchell
1960-1961	Robert W. McCarty	Dr. H. Frank Hicks, Jr.
1961-1962	Richard N. Born	John L. Wheeler
1962-1963	Henry C. Sibley, Jr	David Y. Keim

Chairs of the Rochester Section of the IEEE

1963-1964	Daniel W. Healy, Jr.
1964-1965	Harvey P. Donnell (?)
1965-1966	L. Coburn Eisaman
1966-1967	William F. Coombs
1967-1968	Henry H. Nearing
1968-1969	Leon L. Wheeless, Jr.
1969-1970	Calvin O. Stoutz
1970-1971	Harry G. Saddock
1971-1972	Robert Seibert
1972-1973	Joseph A. Huie
1973-1974	Jon K. Edwards
1974-1975	H. Glenn Portz
1975-1976	Richard E. Phillips
1976-1977	Dr. Philip M. Sherman
1977-1978	William N. Fredenburg
1978-1979	Carl H. Warn
1979-1980	Malcolm Drummond
1980-1981	T. Joseph Daley
1981-1982	Constantine Anagnostopoulos
1982-1983	Jacob Z. Schanker
1983-1984	Harvey E. Rhody
1984-1985	Paul Ruganis
1985-1986	James C. Minor
1986-1987	Peter D. Parslow
1987-1988	Kenneth W. Hsu
1988-1989	Carol Richardson
1989-1990	Edward Balsley
1990-1991	William Bush
1991-1992	Raman Unnikrishnan
1992-1993	Robert Nielsen
1993-1994	John Stratton
1994-1995	A. Murat Tekalp
1995-1996	Mark Schrader
1996-1997	Gualtiero Faustoferri
1997-1998	Sannasi Ramanan
1998-1999	Peter G. Anderson

1999 2nd half	Timothy G. Wieand
2000	James M. Ziobro
2001	F. Jean Bass
2002	Steven M. Ciccarelli
2003	Jeffrey R. Pink
2004	Jacob Z. Schanker
2005	Kenneth A. Arnold
2006	Kenneth A. Arnold
2007	Gaurav Sharma
2008	Jayanti Venkatamaran
2009	Paul Lee
2010	Alexander Loui
2011	Alexander Loui
2012	William Y. Fowlkes
2013	William Y. Fowlkes
2014	Greg. T. Gdowski

October 10, 1924

Mr. John C. Parker
Rochester Railway, Light and Power Company
Rochester, N. Y.

Dear Sir:-

I have the honor of notifying you that the Board of Directors of this Institute, at its meeting held on October 9, 1924, authorized the organization of a Section in Rochester, New York, to be known as the ROCHESTER SECTION OF THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS. This action was taken in response to the petition forwarded by you to this office, and upon the approval of the Sections Committee.

A call should now be issued to the petitioners and any others who may be interested for a meeting for the election of officers. These are usually an Executive Committee, a Chairman, and a Secretary-Treasurer, but other officers may be elected if it is deemed desirable. A committee should be appointed at this meeting to draft a simple form of by-laws providing for meetings, the election of officers, and the government of the Section.

Each Section is entitled to a certain amount of financial support from the Institute, the amount depending upon the number of members within its territory. For the purpose of determining the number of members the territory of the Sections is limited to points within 60 miles of the meeting place. (See Section 51 of the Institute By-laws).

The appropriation of Institute funds for the meeting expenses of the Sections is made up as follows:

- a. One hundred dollars for each Section, independently of the number of members in that Section.
- b. One dollar and a quarter for each Institute member who shall reside within the territory of each Section at the beginning of the administrative year, namely, August 1.

A form is provided for rendering the monthly accounts of the local Secretary. The expense of social features must be paid for from local funds.

You will note by referring to Section 70 of the Constitution that each Section is entitled to representation at the Institute's Annual Convention by an official delegate who shall be the chairman of the Section, or, in his absence or inability to attend, by an alternate delegate previously selected by the Section. The transportation expenses of this delegate are borne by the Institute. The Annual Convention is usually held during the last week in June, and the location of our convention for 1918 has not yet been decided upon.

The local Secretary is expected to make a report of all Section meetings to this office, and from this report a brief notice is prepared for publication in the Institute Proceedings, thus insuring a permanent record of all meetings, and at the same time giving proper publicity to the Section. A report form is provided for this purpose.

Further particulars regarding the routine work and other details of management are given in our annual circular letter to Section officers, a copy of which is enclosed.

Kindly send us a report of the preliminary meeting, with the names of the officers elected, as soon as convenient.

We enclose herewith a copy of the Constitution and By-laws. A supply of expense vouchers, application forms, report forms, and return envelopes are being forwarded to you separately.

With best wishes for the success of the Rochester Section, and trusting to hear from you if we can be of any further service, we are

Very truly yours

Secretary