



# THE RETORT

JUN 2011

## The Chemists' Club

Jointly with  
American Chemical Society  
New York section  
Celebratory Luncheon  
7<sup>th</sup> June

## Back – to the Future

Celebrating the centenary of the opening  
of the original Chemists' Club building in  
1911

Home to numerous organizations:  
American Institute of Chemical Engineers,  
Sales Association of Chemical Industry, local  
sections of American Chemical Society,  
Society of Chemical Industry, American  
Electrochemical Society, Verein Deutscher  
Chemiker, Société de Chimie Industrielle.

### Meeting place for others:

Society of Chemical Manufacturers &  
Affiliates, International Congress of Applied  
Chemistry, American Association for the  
Advancement of Science, International  
Meetings of Society of Chemical Industry  
(London)

– And looking into the future with the  
wisdom of a century's experience

### Back –

a montage by **Dr. Cook** of the Belle Époque at  
the opening of the 20<sup>th</sup> century and the Club  
House and the chemical Wunderkind then:  
Electrochemistry

### -To the future

In this increasingly wireless century where  
“smart phones” are far more powerful than  
yesterday's PC, reliably portable power is  
indispensable and the electrochemical  
challenges of this era are Batteries.

**Michael Lew**, Senior Analyst at Needham,  
explores the challenges and innovative  
technology to provide reliable, portable power  
and **Robert L. Kanode**, President and CEO of  
Valence reviews the state of rechargeable  
batteries in the coming decade.

## Speaker Biographies

**Edward Werner Cook** studied under Joseph  
Park in fluorine chemistry at the University of  
Colorado, did military research at FMC in  
Princeton and was a Research Group Leader  
with the Oil Shale Corporation in Golden,  
Colorado. Subsequently, he was a European-  
based consultant to Hein Koolsbergen, CEO of  
Tosco Corporation. He was technical  
consultant on alternative energy to the  
Alberta Gas Pipeline, Manalta Coal, Ontario,  
and Saarbergwerke. He was also an  
ambassador to The Highlands and Islands  
Development board in Inverness. He currently  
is restoring Caprilands Herb Farm as an  
educational resource and national heritage  
and is fascinated with the kaleidoscopic  
history of The Chemists' Club.



**Michael Lew**, Senior Analyst, Energy Creation  
and Energy Efficiency, joined Needham &  
Company in 2010. Previously, he was a senior  
analyst at ThinkEquity focused on energy  
storage and advanced material applications.  
He began his career on Wall Street at UBS  
focusing on IT hardware. Prior to that,  
Michael was a credit analyst and engineer at  
IBM. He holds a BS in Chemical Engineering  
from Carnegie-Mellon University, an MS in  
Materials Science from Columbia University,  
and an MBA from New York University. Pg 2.

## Speaker Biographies, cont.

**Robert L. Kanode** President and Chief  
Executive Officer



Mr. Kanode previously served as senior consultant of product and account development for Valence prior to his appointment as president and chief executive officer. His extensive career includes over 15 years of experience in the battery industry including executive, senior management and technical consulting positions with BASF, IBM, United Technology, Varta Batteries AG and other technology corporations. He is an award winning leader in the worldwide introduction of new products, implementation of efficient manufacturing and fulfillment systems, and niche market sales expansion. Mr. Kanode has served on the board of directors for the Portable Rechargeable Battery Association and is a graduate of the Auburn University School of Engineering.

Reception 11:30, Luncheon 12:30,

Discourses 13:15

7th June 2011

\$80 prepaid, \$65 Club and Society  
members, ([www.chemistsclub.org](http://www.chemistsclub.org)) \$85  
at door

Guests may complete the membership  
application form online and the initiation fee  
is waived.

## Annual Meeting

113th Annual General Meeting

Thursday, 19th May at 16h00

At The Penn Club, 30 West 44th Street  
Light refreshments will be available for  
Members attending the Annual Meeting

Proxy Ballots which are available  
separately may be faxed to 609.949.7205  
or posted to the Meeting venue:

The Chemists' Club, @The Penn Club, 30  
West 44th Street, New York City 10036

All members of The Chemists' Club are  
encouraged to vote, regardless of category.

Emeriti responses will help guide your  
Board



International Year of  
**CHEMISTRY**  
2011

## Winthrop-Sears Medal

The Winthrop-Sears Award has been awarded since 1970 to recognize individuals who, by their entrepreneurial action, have contributed to the vitality of the chemical industry and the betterment of humanity.

The Award is named after **John Winthrop the Younger** (\*12 February 1606 – †6 April 1676) who may be considered the Father of Connecticut by uniting Saybrook, New Haven and River (Connecticut) Colonies and then was popular Colonial Governor of the combined Connecticut Colony for many years. One of America's earliest scientists, he was elected Fellow of the Royal Society in 1662.

**Captain John Sears** of Cape Cod (\*20 July 1744 – †9 June 1817) devised an evaporational procedure to make Glauber's salt or sal mirabilis, sodium sulfate, from sea water and consequently was one of the earliest manufacturing pharmacists in America.

In America, there are six chemical societies who style themselves as the Six Sisters: American sections of the Society of Chemical Industry and Société de Chimie Industrielle, American Chemical Society, American Institute of Chemists, American Institute of Chemical Engineers, and Electrochemical Society.

For all, **The Chemists' Club** is their alma mater and, for most, their first home. Consequently, the historical perception and sensitivity to future trends unique to **The Chemists' Club** has quietly and inevitably been the bellwether to the Six Sisters flock.

Consequently, many distinguished chemists, engineers and entrepreneurs have first received this award prior to all others: from Leonard A. Pool of Air Products in 1970 to Peter McCausland of Airgas in 2010.

In this century, Medalists included Robert Gore (GoreTex), George Rosenkranz and Alejandro Zaffaroni (Syntex), Herbert Boyer (Genentech), Sol Barer (Celgene), Phillip Sharp (MIT, RNA splicing, Nobel Prize), Haldor Topsøe (co. of same name, catalysis for energy processes), Zsolt Romy (Zoltek), Jim Mack (Cambrex)

Last century's luminaries included Leonard Pool (Air Products), Ralph Landau (Scientific Design), Alfred Bader (Sigma Aldrich), Charles and Lucia Shipley, Gordon Cain

(Sterling Chemicals), Jon Huntsman, Sr., Jack Polite, Arthur Mendolla and George Harris. Nominations are due by 15th May and may be sent to:  
membership@chemistsclub.org



**The Chemists' Club**

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**30 West 44<sup>th</sup> Street**

**New York City 10036**

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