

AFTER OIL WHAT?

The College of Saint Rose and The Capital
Region Energy Forum Present:

A SYMPOSIUM ON ENERGY

Automobiles and Trucks and
the Future of Transportation in an Age of Declining
Petroleum Availability

Friday, November 2, 2007, 7:15 P.M.

Saint Joseph's Hall
The College of Saint Rose
985 Madison Avenue
Albany, New York

Panel Members

Dr. Richard Alben, Clinical Associate Professor of Mechanical
Engineering, Rensselaer Polytechnic Institute, Troy, N.Y.

Bryan Wynne, President, Electric Drive Transportation
Association, Washington, D.C.

James Dunn, President, Energy Technology Associates,
Millbury, MA.

Dr. Joseph C. Parisi, Moderator, Albany Broadcasting

OPEN TO THE PUBLIC – ADMISSION IS FREE

**For Further Information Contact Paul Swartz, CREF Chairman at 280-2276
or Dr. Joseph Parisi at 399-2034**

SCHEDULE OF EVENTS

5:45 PM – 7:00 PM Buffet Dinner, Carl E. Touhey Forum, Thelma P. Lally School of Education, Madison Avenue. Reservation Required.*

7:15 PM Symposium, Saint Joseph Hall Auditorium, Madison Avenue

7:15 – Welcome to the College of Saint Rose, Gregory Gross, Professor, School of Math and Science, The College of Saint Rose.

7:20 – Introductory Remarks: What is the Capital Region Energy Forum (CREF)? The Issues and Challenges Posed by “Peak Oil,” Overview of Tonight’s Symposium, Introduction of Panelists. Dr. Joseph C. Parisi, Moderator.

7:35 – “Peak Oil,” and Exploding Demand: Implications for Transportation and Auto-based Living. Dr. Richard Alben, Rensselaer Polytechnic Institute.

8:00 - Electric Drive Transportation Systems: Challenges and Prospects. Brian Wynne, President Electric Drive Transportation Association, Washington, D. C.

8:25 – Technology Challenges in Moving From Hydrocarbon Fuels to Low Emission Alternative Energy Solutions. James Dunn, President, Energy Technology Consultants, Millbury, MA.

8:55 – Questions and Comments from the Audience.

10:05 - Adjournment

***Reservations for the buffet dinner are required. The cost of the dinner is \$30.00 per person. Requests for reservations and payment must be received no later than October 26, 2007. A maximum of 100 persons can be accommodated. Send a check or money order made out to The Capital Region Energy Forum and send it to Mr. Ernest Kahn, CREF Treasurer, 13 Chestnut Drive, Schenectady, N.Y. 12309. Phone 374-1609.**

PRESENTERS

Richard Alben: Richard Alben received his Ph.D from Harvard University in 1967. He joined the faculty of Engineering and Applied Science at Yale University in 1968 and was promoted to the rank of Associate Professor in 1973. His teaching and research were in the areas of magnetism, semiconductors and engineering thermodynamics. He joined General Electric Corporate Research and Development in 1977 where he worked on heat pumps, solar energy and energy systems. From 1979 to his retirement in 2001, Dr. Alben held a number of important positions at General Electric and Lockheed Martin in such areas of advanced energy technologies for business, automation technology, computer aided engineering for business, information services and appliances. Dr. Alben's current position is Clinical Associate Professor with appointments in mechanical, nuclear and aerospace engineering in the School of Management and Technology at Rensselaer Polytechnic Institute. He teaches courses in mechanical engineering, operations management and international business.

Brian Wynne: Brian Wynne was appointed President of the Electric Drive Transportation Association in April of 2004. He acts as chief staff executive of this member-based international organization, which promotes electric, hybrid, plug in hybrid and fuel cell vehicles and infrastructure. Mr. Wynne brings in-depth experience in both the transportation and technology applications gained in leadership roles in both trade associations and public-Private partnerships. Mr. Wynne previously served as Senior Vice President for business and trade at the Intelligent Transportation Society of America. Prior to that role, he led a global technology association as CEO of AIM International, Inc. Mr. Wynne started his career as a legislative assistant to Senator Charles Percy, and has served on several not-for-profit boards. He holds a Bachelor's degree from the University of Scranton and a Masters degree from the School of Advanced International Studies, Johns Hopkins University.

James P Dunn: James Dunn is the President of Energy Technology Consultants, and past Director of NASA's NE Regional Technology

Transfer Center. Mr. Dunn also served as CEO and CTO of the Center for Technology Commercialization in Westborough, MA. Mr. Dunn has over 30 years of experience in a variety of high technology ventures with companies from startups to Fortune 500 companies like IBM and Exxon. His fields of expertise include alternative and renewable energy, hydrogen and fuel cells, batteries and energy storage, and hybrid vehicles. Mr. Dunn holds a bachelor's degree from Worcester Polytechnic Institute.

Mr. Dunn has written numerous papers and has delivered presentations at over 50 conferences and events. He recently presented two papers at the Conference on Future Energy in Washington, DC. He also has a variety of patents, including the "Laptop" computer and several fuel cell and energy storage devices. Mr. Dunn has most recently received a U.S. patent entitled "Fuel Cell Powered Electric Aircraft," and is leading in the development of the world's first fuel cell powered electric airplane, the E-plane.

Mr. Dunn is also one of three hosts on the "Energy Freedom Fighters," a weekly one-hour talk show on WCRN 830 AM in Worcester, MA.

Joseph C. Parisi, Moderator: Dr. Parisi holds a Bachelor's and Masters degree in history from the University of New Hampshire and a Doctorate in Education from the State University of New York at Albany. Dr. Parisi has over 30 years of teaching experience, of which 27 of those years were spent at the College of Saint Rose. Upon his retirement in 2001, Dr. Parisi accepted a position at Albany Broadcasting Company as a talk show host. His program airs weekly on Saturdays, from 1:00 PM to 4:00 PM on WROW, AM 590.