

St. Louis Section News

November 2006

STL November 2006 Event

Wednesday, November 15th, 2006:

Dinner and Speaker:

RENEWABLE ENERGY

for Sustainability, Clean Environment, and National Security



Dr. Ramesh Agarwal will address the challenge of changing present global energy system with the goal of significantly reducing the dependence on finite fossil fuels by looking into renewable energy sources such as solar, wind, biomass, geothermal and sea waves, thereby moving towards sustainability and clean environment and enhancing national security

threatened by competition for limited fossil fuel resources. The lecture will outline the current and projected energy consumption scenario worldwide, its environmental impact in particular on global warming and its implications on development and national security of nations. It will briefly describe the renewable energy systems – solar, wind, biomass, and geothermal, their current scientific and economic limitations and their current usage worldwide. It will conclude with the current worldwide efforts towards sustainability and future outlook.

Professor Ramesh K. Agarwal is the William Palm Professor of Engineering and the director of Aerospace Research and Education Center at Washington University in St. Louis. From 1994 to 2001, he was the Bloomfield Distinguished Professor and Executive Director of the National Institute for Aviation Research at Wichita State University in Kansas. Dr. Agarwal has worked in Computational Fluid Dynamics (CFD). He has been devoting his efforts in Nanotechnology and renewable energy systems – in particular wind and solar energy.

Date: Wednesday evening, November 15, 2006.

Time: 6:30 p.m.

Menu: Chips and salsa, petite chimichangas, taco bar, sopapilla points.

Cost: members \$20, students \$10.

Location: Hacienda Mexican Restaurant, 9748 Manchester Road, Rock Hill, MO 63119. 314-962-7100.

Directions: From Interstate 64/40, exit south on either McKnight Road or Brentwood Blvd. Go south to Manchester Road, then go west on Manchester Road to the restaurant.



Located on the south side of Manchester Road just west of Rock Hill Road and McKnight Road.

Reservations: Please make your reservation by November 10th by calling the event captain: Sridhar Condoor at **314-977-8444** or send reservation by email to condoor@slu.edu.

Message from the Chair



Dear Members:

First, I would like to thank all members who made the Proctor & Gamble plant tour a success. Continuing the tradition of excellent programs, this month meeting explores the area of "Renewable energy for sustainability, clean environment and national security." Dr. Ramesh Agarwal, the speaker, is the William Palm Professor of Engineering and the director of Aerospace Research and Education Center at Washington University in St. Louis.

Our next Operating Board meeting will be held on December 6th at 6:00 pm. The planning for the section programs, student section visits and important decisions take place at these meetings. All ASME members in the St. Louis section are welcome. Please feel free to email me if you are interested.

Please let me know your suggestions, comments, and ideas to make the section better.

Dr. Sridhar Condoor
St. Louis Section Chair

ASME-STL Section Programs for the year 2006-2007, Angela Berring – Vice Chair

Thursday, December 7, 2006 holiday dinner and speaker:
Presentation: "Engineering Disasters - Lessons Learned."
Speaker: Thomas Bever P.E.
Location: Square One Brewery near Lafayette Park.
Event captain: Angela Berring

Nominations for members of the Nominating Committee will be taken at the December meeting.

**Please join us at the next
ASME-STL Board Meeting
6:00 p.m. Thursday, November 9th
at Laclede Street Bar and Grille
3818 Laclede Avenue
near Saint Louis University Campus**

NEWSLETTER issue by E-MAIL or by paper POST MAIL?

Thank you for your e-newsletter support as the St. Louis Section continues to migrate toward electronic distribution of our monthly newsletter via internet e-mail.

We will continue to mail paper hardcopies of our newsletter only to those members who specifically request it to be sent. If you want to receive a paper version of the newsletter send your request to Mary Hammond using the form below.

If you want to continue to receive a paper copy of the newsletter, you **MUST** return this form to ASME. We are planning to stop mailing hard copies of newsletters to people who do not wish to receive them. If you want a paper copy, **PLEASE** let us know so that we can continue to keep you up to date on happenings and events in the local ASME section.

Thank you, St. Louis Board.

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MARY HAMMOND,
SECRETARY ASME STL SECTION.
c/o EDM INC.
220 MANSION HOUSE CENTER.
ST. LOUIS, MO 63102.

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