

Feb. 2003

David Shapiro, Editor

ASME Hudson-Mohawk Section



# Newsletter

## ENGINEER'S WEEK

*In cooperation with*

ASME, AIAA, IEEE, ASNT, Vibration Institute

**Topic:** Pulsed Detonation Engines for  
Advanced Propulsion

**Speaker:** Dr. Anthony J. Dean (GE GRC)

**Thursday, February 20, 2003**

6:00 PM to 9:00 PM

**Information:** A separate email was sent to  
Members with all details. If you  
Did not receive the flyer,  
Contact the editor  
(gedavid17@hotmail.com)

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Member and guest	\$25.00	\$30.00
Students	\$10.00	\$12.00
Non-member	\$20.00	\$25.00

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### ASME International

#### Hudson-Mohawk Section Officers

Chair: Fred Willett (518) 347-0271 fwillett@pti-gt.com  
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Admin.Assoc.: Tom George (518) 395-4045  
Treasurer: Mike Brilliant (518) 387-6558 brilliant@crd.ge.com

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## Section Newsletter

The Hudson Mohawk newsletter will be posted at:

[www.asme.org/sections/hudson-mohawk](http://www.asme.org/sections/hudson-mohawk).

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## Message from the Chair

Greetings once again. February is a big month for engineering societies as we honor our profession with Engineers' Week. As we do every February, we'll be having a combined meeting with the local chapters of several other engineering societies. Please plan to attend.

Last month we had, as our speaker Dr. Ramesh Gambheera. Ramesh's topic was "Parametric Design and Optimization of the Disk Forging Process." Attendance was low, but the presentation was excellent, and the meal superb.

In this busy world of ours, it's difficult to find the time to attend an ASME meeting. However, if there are factors within the control of your section executive committee that keep you, our members, from attending, please let me know. Thanks. I look forward to meeting some of you at one of our upcoming events.

Fred Willett  
Section Chair

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## CALL FOR ABSTRACTS

A separate announcement was sent out at an earlier date. Propelling the Capital District into the New

## TECHNICAL PRESENTATION

The February event will be a combined-sponsor event held at the Heffner Alumni House at RPI. The Topic will be "Pulsed Detonation Engines for Advanced Propulsion". Pulsed detonation engines (PDE) are an exciting new propulsion technology that has the potential application across the flight envelope spanning subsonic, supersonic, and hypersonic flight.

**About the Speaker:** Dr. Dean graduated from McGill University with a BS in Mechanical Engineering in 1985. He received his MS and PhD degrees from Stanford University in 1987 and 1990, respectively. Tony joined GE in 1992 and became technical leader at GEPS in 1999 for the development of a low emissions combustion system for a new 30 MW gas turbine. He is now the leader of the advanced propulsion advanced technology project. He has been awarded over 15 patents and authored over 20 papers.

**Contact:** Please contact Mike Brilliant for reservations ([brilliant@crd.ge.com](mailto:brilliant@crd.ge.com) or 518-387-6558). The cost will be according to the following categories:

<u>Tickets:</u>	<u>In Advance</u>	<u>At the Door</u>
Participating Society Member	\$15.00	\$18.00

Millenium. This is a call for abstracts to present papers at the **Northeast Aerospace-Mechanical Engineering Mini-Symposium**. This is a one-day event that will be held on Monday, April 7<sup>th</sup>, 2003. The location is the Holiday Inn – Turf on Wolf Road in Albany, located near the Colonie Center Mall.

**Deadline for Abstracts:** Friday, February 28. Make submissions to:

AIAA/ASME MINI-SYMPOSIUM  
c/o Howard Brilliant  
GE Global Research, mail drop ESB 107  
P.O. Box 8, Schenectady, NY 12301 USA  
E-mail: [brilliant@crd.ge.com](mailto:brilliant@crd.ge.com)  
Fax: 518-387-7258

Symposium details will be forwarded to presenters soon after the abstract deadline. Abstracts should be no more than 150 words. E-mail is preferred.

If you did not receive an announcement, please contact the editor at: [gedavid17@hotmail.com](mailto:gedavid17@hotmail.com). The announcement contained the topics, registration form.

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## Capitol District FIRST Robotic Team

The Capital Region FIRST Robotics Team and robot(s) will be at the Feb. 12th Pre-Engineering Week Symposium at the Albany Marriot on Wolf Road at 3:00PM. The event is sponsored by the Foundation for Engineering Education (the PE Society's non-profit organization). Contact Seena Drapala for more information. [seena.drapala@ps.ge.com](mailto:seena.drapala@ps.ge.com).

For additional information on how you can get involved, visit the website at: [www.usfirst.org](http://www.usfirst.org) or [www.team250.org](http://www.team250.org). You can also contact Ms. Deb Saulsbery at: [d.saulsbery@team250.org](mailto:d.saulsbery@team250.org).

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## ASME Edison Patent Award

The Edison Patent Award was established by the Center for Research and Technology Development to

### THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS HUDSON MOHAWK SECTION

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278 Kenwood Avenue  
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recognize eminent creative achievement in the form of a patented invention, i.e., one which is broadly recognized as significantly enhancing some aspect of the practice of mechanical engineering. Further info about the award and the application form may be found at <http://www.asme.org/research/awards.html>. The deadline for applications is February 1 but it may be extended by one week if necessary.

## SOCIETY OF WOMEN ENGINEERS

NYS Capital District Society of Women Engineers will be the host for the Northeast's only National SWE Hoffman Program. This free workshop is for middle or junior high school Math/Science teachers and guidance counselors and will be presented in the four modules: Self-Esteem, Mentoring, Engineering Disciplines, and Tools/SWE Help on Saturday, March 29th, at the Hilton Gardens (near the Albany Airport) from 9 to 3. Registration is due by March 7th, space is limited. Contact Seena Drapala for registration forms. [seena.drapala@ps.ge.com](mailto:seena.drapala@ps.ge.com)

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## JOB COACH

ASME Job Coach offers personalized career-counseling services from top career professionals for every stage of your career. On the Job Coach page you can:

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- \* Uncover Behavioral Strengths
- \* Critique your Resume
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