



The **SAN DIEGO CHAPTER** of
ASM-INTERNATIONAL presents
FALL SEMINAR 2005
**Computer Applications in
Materials Science**
Friday, October 28th 11:30-5PM

SCHEDULE

11:30	Lunch (included with registration fee)	Choice of Dijon Chicken, Chicken Pasta Primavera, Grilled Salmon, BBQ Chicken Sandwich or Carne Asada
LECTURES		INSTRUCTORS (see reverse for details)
12:30	?? Process Modeling Applications in the Forging, Heat Treatment and Machining Industries	Dr. Ravi Shankar (Scientific Forming Technologies Corporation)
1:30	?? Numerical Simulation for Evaluation & Optimization of Welded Designs	Dr. Yogendra Gooroochum (SYSWELD)
2:30	Break	Coffee and Hot Tea
2:45	?? Application of Computer Modeling in the Structural Rehabilitation with Advanced Fiber Reinforced Polymer Composites	Dr. Hedong Niu (University of California, San Diego)
3:45	?? Integration of Computer Simulation with Process Development in the Casting Industry	Dr. Adi Sholapurwalla (ESI Group)
4:45	Open Forum	

COST (includes lunch)

\$15 for ASM Members

\$20 for non-members, \$10 for full-time students

**Payment: Checks or Cash. Make checks payable to:
"SD Chapter of ASM International."**

Seminar Reservations or Info:

Call the ASM Info Line @

619-685-8848 or send e-mail to

sandiego@asmchapters.org

**Reservations must be submitted by
Thursday, October 20th at Noon.**

**Courtyard by Marriott
Old Town San Diego
2435 Jefferson Street
(619) 260-8500**

SEMINAR SPEAKER BIO'S:

Ravi Shankar, Research Leader, Scientific Forming Technologies Corporation. In his role as a research leader, Mr. Shankar's expertise is in the area of finite element method based process modeling simulation of manufacturing processes such as forging, heat treatment and machining. His industrial experience includes 16 years in the forging industry (Ladish company) where he held positions in management, engineering design and analysis. Mr. Shankar earned his B.E. in Mechanical Engineering from India, an M.S in Mechanical engineering from the University of North Carolina, Charlotte and a M.B.A from Marquette University

Yogendra Gooroochum, Technical Manager SYSWELD. Yogendra Gooroochum has more than seven years of experience in computer-aided process simulation in welding and heat treatment. He has worked on major welding simulation projects and is now responsible for enhancing and developing the FE tool SYSWELD. Mr. Gooroochum earned his MS degree from Grande Ecole National d'Ingenieurs de St Etienne in France.

Dr. Hedong Nui. Dr. Niu is a researcher in the field of structural rehabilitation at the Department of Structural Engineering, UCSD. He received his PhD in structural engineering at Ibaraki University, Japan in 2002 and afterwards worked as a research fellow of Japan Society for the Promotion of Science (JSPS). His research interests includes pavement materials, design and performance evaluation; analysis, design and test of structures rehabilitated with FRP materials and application and development of finite element modeling.

Adi Sholapurwalla, Engineering Manager, ESI Group. Mr. Sholapurwalla has been associated with the casting industry for over 15 years. He is one of the core members in the development of ProCAST, the world leader in casting simulation software. He has spent the past several years helping engineers in the automotive, aerospace and consumer industry integrate process modeling into their foundry practices to eliminate defects, improve yield and reduce scrap. He also has several technical publications in the metals and materials area.

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