



The SAN DIEGO CHAPTER of
ASM-INTERNATIONAL presents

FALL SEMINAR 2004

Metal & Ceramic Matrix Composites

October 29th 11:30-5PM

SCHEDULE

11:30	Lunch (included with registration fee)	Choice of Roast Beef or Fresh Catch of the Day
LECTURES		INSTRUCTORS (see reverse for details)
12:30	• Metal Matrix Composites – Past & Current Trends	§ Dr. Khaled Morsi (UCSD)
1:10	• High Strength Aluminum Matrix Composites	§ Mr. Mike Fick (3M Corporation)
1:50	Break	Coffee and Hot Tea
2:00	• Melt Infiltrated SiC/SiC Composites for Gas Turbine Engine Applications	§ Dr. Subu Shanmugham & Ms. Roberta Hines (Goodrich Corporation)
2:40	• Ceramic Matrix Composites: Processing, Properties & Applications	§ Dr. Andy Swzeda (COI Ceramics)
3:20	Break	Coffee and Hot Tea
3:30	• A Mechanistic Model for Life Prediction of Woven Ceramic Matrix Composites	§ Dr. Jalees Ahmad (Research Applications, Inc.)
4:10	• Gas turbine hot section applications of Ceramic Matrix Composites	§ Dr. Mark van Roode (Solar Turbines, Inc.)
4:50	Open Forum	

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
Tuesday, October 26th at Noon.**

COST (includes lunch)

\$15 for ASM Members

\$20 for non-members

\$10 for full-time students

Payment: Checks or Cash.

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SEMINAR SPEAKER BIO'S:

Dr. Khaled Morsi, Associate Professor, San Diego State University. Research interests include reactive thermomechanical processing of intermetallic materials and nanoceramics for orthopedic implant applications, powder technology and processing-microstructure-property relations in metallic, ceramic and composite materials.

Mr. Mike Fick, Business Development Project Leader, 3M Corporation. Extensive process engineering background in MMC development. Mr. Fick earned an MS in Manufacturing Systems Engineering from University of St. Thomas and BS in Engineering Technology from St.



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