

**Wednesday, February 12**  
**New Advanced Ceramic Materials**

Dr. Frank Anderson  
CoorsTek

*Please remember to indicate a meal selection when you sign up!*

5:30 pm Social/Networking.....6:15 pm Dinner.....7:30 pm Speaker

**Meeting Location:**  
WYNDHAM GARDEN HOTEL  
1300 Chesapeake Terrace  
Sunnyvale  
(408)747-0999

**Dinner Cost:** ASM Members \$18, Students \$8, Guests \$20  
*Meal Choices: Chicken Marsala, Salmon, or Chef's Vegetarian*

**RESERVATIONS REQUIRED:**  
Stacy Ewert at (408) 742-2521 or [stacy.s.ewert@lmco.com](mailto:stacy.s.ewert@lmco.com)  
**Reservation deadline is noon on Monday, Feb 10**

**February Sponsor:**



*Don't forget...Coherent Tour Feb 13! See page 2!*



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Santa Clara Valley Chapter  
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**Meeting Directions**

**From points south:** north on Lawrence Expressway, pass over 237, make the first left (Moffett Park Drive/Baylands Park), then the first left onto Chesapeake Terrace. **From points east or west:** Caribbean Drive (Lawrence Expressway North) exit off 237, first left at Moffett Park Drive/Baylands Park, then left on Chesapeake Terrace. **In either case, once you are on Chesapeake, simply proceed to the end where you'll find The Wyndham Garden Hotel.**

**RETURN SERVICE REQUESTED**

**Inside this Issue...**

About the Talk.....	2
Coherent Tour.....	2
Engineers Week.....	2
Upcoming Events.....	4
Job Opening.....	6
Upcoming Meetings.....	6
Be A Science Fair Judge.....	6

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## Upcoming Events

**Feb 10:** PMI, "Enterprise Project Management: Connecting Strategic Planning to Project Delivery". Visit [www.pmisv.org/evening.htm](http://www.pmisv.org/evening.htm)

**Feb 11:** AIChE, "Components Research Nanomaterials for Electronic Devices". Visit [www.aiche-norcal.org/meetings.html](http://www.aiche-norcal.org/meetings.html)

**Feb 11:** ASSE, "Integration of ES&H and management systems". Visit [assesj.org/meetings.htm](http://assesj.org/meetings.htm)

**Feb 12:** IEEE-CPMT, "Illumination with LEDs". Visit [cpmt.org/scv/meetings/cpmt0302.html](http://cpmt.org/scv/meetings/cpmt0302.html)

**Feb 20:** ACS, "Antarctica: The Ultimate Fieldtrip". Visit [www.scvacs.org/Local\\_Folder/din\\_mtg.html](http://www.scvacs.org/Local_Folder/din_mtg.html)

**Feb 23-28:** SPIE "Microlithography 2003". Visit [spie.org/Conferences/programs/03/ml/](http://spie.org/Conferences/programs/03/ml/)

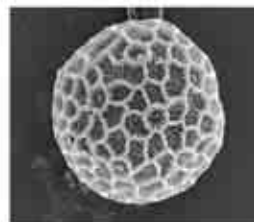
**Feb 27-28:** SPIE "Advanced Microelectronic Manufacturing 2003". Visit [spie.org/conferences/programs/03/mm/](http://spie.org/conferences/programs/03/mm/)

**Mar 17:** PMI, "Overcoming Impossible Projects". Visit [www.pmisv.org/evening.htm](http://www.pmisv.org/evening.htm)

View an online version of these events at  
[www.ASM-SCV.org](http://www.ASM-SCV.org)

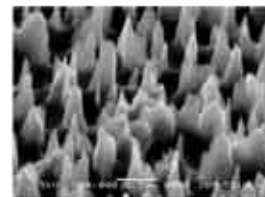
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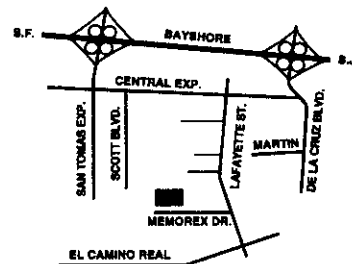
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## Chapter Information & Upcoming Activities

### Officers

<b>Chair:</b>	
Janine Kardokus	(408)986-7568
<b>Vice Chair:</b>	
HuiHui Lin	(408)256-1072
<b>Treasurer:</b>	
Stacy Ewert	(408)742-2521
<b>Secretary:</b>	
Jacques Matteau	(650)591-7787

### Executive Committee

Richard Chung	(408)924-3927
Paul Fojas	(650)361-2969
Dave Himmelblau	(408)743-7893
Francis Honey	(408)748-9955
James Knowles	(650)728-3786
Alfred Kwong	(408)935-5805
Mingwei Li	(650)966-5735
Leonard Migliore	(650)967-0977
Ramas Raman	(408)295-8976
John Stringer	(650)855-2472
Gabriel Toea	(831)634-1443
Lou Wirtz	(408)756-0621

### Special Positions

<b>SVEC Rep:</b>	
Ed Kaminski	(408)241-4842
<b>Newsletter Editor:</b>	
Scott Dickerson	(408)584-1013

### Thanks to our ASMI-SCV Sustaining Members:

Evans Analytical Group	Charles Evans, Jr.	San Mateo
CSU—Fresno	Henry Madden	Fresno
R.L. Engineering	Richard Lund	Placerville
Vivid Incorporated	John H. Comeau	Santa Clara

*Would your company like to support the chapter by being a sustaining member? To find out more, contact Janine Kardokus at (408)986-7568.*

**Executive Committee Meetings:** *ASM-SCV Executive Committee meetings are held in September, October, January, March and May. Any member can attend! Call Janine Kardokus at (408)986-7568 for meeting times and locations, and to reserve a seat at the table.*

### Job Opening!

Northrup Grumman Marine Systems in Sunnyvale needs a Materials/Metallurgical Engineer for product support. Northrup Grumman Marine Systems provides steam turbines, gearboxes and missile launching systems to the US Navy. The ideal candidate will have a BS in Materials Engineering and 10 years experience in fabrication of machinery. Advanced degrees would be a bonus. Experience with high temperature materials, non-destructive testing, corrosion, casting, welding, failure analysis, military materials and process specifications, and laboratory analysis equipment would be expected. US citizenship required. Please submit your resumes to [ngms\\_jobs@northropgrumman.com](mailto:ngms_jobs@northropgrumman.com).

Visit our updated website: [www.ASM-SCV.org](http://www.ASM-SCV.org)

## Upcoming Technical Meetings

Feb 12	<b>New Advanced Ceramic Materials</b> <i>Dr. Frank Anderson, CoorsTek</i>	<i>Joint with ACerS</i>
Mar 12	<b>Nanotechnology and Space Science</b> <i>Meyya Meyyappan, NASA-Ames Research Center</i>	<i>Joint with SAMPE &amp; Scholarship Awards</i>
Apr 9	<b>Microfluidics</b> <i>Dr. Nghia Chiem, Teragenics</i>	<i>Student Posters</i>
May 14	<b>Laser Shock Peening</b> <i>Dr. Lloyd Hackel, Lawrence Livermore National Laboratory</i>	<i>Awards &amp; Elections Night</i>

### Be A Science Fair Judge!

The Synopsys Silicon Valley Science and Technology Championship is an annual event where local students (grades 6-12) present the results of their science projects to judges from local educational institutions and industry. It's a great opportunity for the students to further their science education, and we at ASM-SCV are happy to support the event by providing (together with the local SAMPE chapter) a team of Special Judges. The Special Judges review projects in particular areas (materials science, in our case), and present Special Awards for the best projects in these areas. ASM-SCV has been involved in this event for years, and our volunteer judges always report that it is a fun and rewarding experience. If you would like to judge for the event, please contact one of our Science Fair Coordinators: Bob Elliott at (916)408-2370, or Al Kwong at (408)935-5805 (or [AlfredKwong@ca.slr.com](mailto:AlfredKwong@ca.slr.com)). The judging for this year's event will take place on Thursday, March 13, 2003, from 10am until 5pm. More information on the event itself can be found at [www.science-fair.org](http://www.science-fair.org).