

SMC 2017

September 19-20

Strategic Materials Conference (SMC) 2017: Materials Accelerating Innovation DoubleTree by Hilton, San Jose, CA.

Monday, September 18 , 2017

5:30pm-7:00pm **Welcome Reception: Sponsor: Entegris**

Tuesday, September 19 , 2017

7:30am-8:30am Registration/**Continental Breakfast: Sponsor: Air Liquide**

8:30am-8:35am **Welcome – Dave Anderson, President, SEMI Americas**

8:35am-8:40am **Opening Remarks – Mark Thirsk, Managing Partner, Linx Consulting, SMC 2017 Co-Chair**

8:40am-9:20am **Keynote 1: Mark Papermaster, Chief Technology Officer and Senior Vice President, Technology and Engineering, AMD**

9:20am-9:50am **Keynote 2: David Hemker, Ph.D., Chief Technology Officer, Lam Research Corporation**

9:50am-10:20am Networking Break: **Sponsor: Applied Materials**

SESSION 1: ECONOMIC/MARKET TRENDS: THE CONSOLIDATION GAME (M&A), CHINA, 200MM & MORE: Session Sponsor: Applied Materials

10:20am-10:25am **Welcome and Introductions: Sanjay Malhotra, Senior Director, Applied Materials**

10:25am-10:55am **Arthur Sherman, CMO & Vice President of Strategy & Market Research, Applied Materials**

10:55am-11:25am **Lung Chu, President, SEMI China Topic: SEMI China Market Trends & Outlook (including Semiconductor Fab Investments)**

11:25am-11:55am **Mark Thirsk, Managing Partner, Linx Consulting**

11:55am-12:25pm **John Pitzer, Managing Director, Credit Suisse**

12:25pm-1:30pm Lunch

SESSION 2: PROCESS CHALLENGES AT 5NM AND BEYOND:

1:30pm-1:35pm **Welcome and Introductions: Mark Thirsk, Managing Partner, Linx Consulting**

1:35pm-2:05pm **Joe Wu, Ph.D., Deputy Director, Nano-Materials Center, TSMC**

2:05pm-2:35pm **Lucian Shifren, Senior Principal Research Engineer, ARM**

2:35pm-3:05pm **Pratik Joshi, Ph.D., Staff Engineer, Materials Technology, Samsung Austin Semiconductor**

3:05pm-3:35pm Networking Break: **Sponsor: SACHEM**

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SESSION 3: UNIVERSITIES: INNOVATION DRIVERS:

3:35pm-3:40pm	Welcome and Introductions: Kim Arnold, Executive Director, Wafer Level Packaging, Brewer Science
3:40pm-4:10pm	Tsu-Jae King Liu, Ph.D., University of California, Berkeley
4:10pm-4:40pm	Jiwoong Park, Ph.D., Department of Chemistry Institute for Molecular Engineering James Franck Institute, University of Chicago
4:40pm-5:10pm	Stacey Bent, Ph.D., Stanford University
5:10pm-7:00pm	Networking & Reception – Sponsor: JX NIPPON MINING & METALS

Wednesday, September 20 , 2017

SESSION 4: THE FUTURE OF MATERIALS MARKET IN CHINA: Sponsor: LINDE ELECTRONICS

7:30am-8:30am	Continental Breakfast Sponsor: KMG Chemicals
8:30am-8:35am	Welcome – SMC Co-Chair: Wenge Yang, Ph.D., Vice President of Marketing, Entegris
8:35am-9:05am	Keynote: Sunny Hui, Senior Vice President, Marketing, Semiconductor Manufacturing International Corporation (SMIC)
9:05pm-9:35am	Shuji Dinglee, Global Head of Lithography Technologies, Dow Chemical Company
9:35am-10:05am	Dr. Lijun Yao-Chairman & President, Konfoong Materials International Co., Ltd (“KFMI”)
10:05am-10:35am	Networking Break: Sponsor: EMD Performance Materials

SESSION 5: MATERIALS SUPPLY CHAIN CHALLENGES IN ADJACENT INDUSTRIES

10:35am-10:40am	Welcome and Introductions: Ravi Kanjolia, Ph.D., CTO, Deposition Materials, EMD Performance Materials
10:40am-11:10am	Linde Electronics
11:10am-11:40am	Shree Deshpande, VP Business Development, Pixelligent Technologies (Confirmed)
11:40am-12:10am	Roosbeh Ghaffari, Co-Founder, CTO & SVP, MC10 (Confirmed)
12:10pm- 1:30pm	Lunch

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SESSION 6: HETEROGENEOUS INTEGRATION: Design to New Materials & Packaging:

- 1:30pm -1:35pm Welcome and Introductions: **Kevin Peterson, Director of Sales & Marketing, JX Nippon Mining & Metals**
- 1:35pm -2:05pm **Professor Subramanian Iyer, Distinguished Chancellor's Professor, Electrical Engineering Department, UCLA**
- 2:05pm -2:35pm **Andy Miller, Group Leader, 3D Enables System Integration, IMEC**
- 2:35pm -3:05pm **Eelco Bergman, Sr. Director, Sales and Business Development, ASE Group**
- 3:05pm- 3:35pm **Networking Break: Sponsor: JSR Micro**

SESSION 7: EXECUTIVE PANEL:

- 3:35pm - 3:45pm Welcome and Introductions: **Kurt Carlsen, Director, Strategic Sourcing, Air Liquide**
- 3:45pm - 3:50pm Panelist 1 Device Maker – **Joe Wu, Ph.D., Deputy Director, Nano-Materials Center, TSMC**
- 3:50pm - 3:55pm Panelist 2 Device Maker – **E. Steve Putna, PhD, Materials & Equipment, Global Supply Management, Intel Corporation**
- 3:55pm - 4:00pm Panelist 3 Equipment Manufacturer – **Ben Rathsack, Director, Product Technology and Marketing, Tokyo Electron**
- 4:00pm - 4:05pm Panelist 4 Materials Manufacturer – **Gene Karwacki, Director, Global Strategic Marketing, Versum Materials**
- 4:05pm - 4:45pm **Panel Discussion, Q&A**

CLOSING REMARKS:

- 4:45pm – 5:00pm **Closing Remarks, CGMG Chair**

(Agenda as of 7/26/17. Subject to change)