



MID-ATLANTIC CHAPTER

SOCIETY FOR INFORMATION DISPLAY

SIDMAC 2002-03 NEWS LETTER

August 2002

SIDMAC MEETING SCHEDULE FOR 2002-2003

Mark your calendars!

DATE	TOPIC	SPEAKER(S)	VENUE
September 23, 2002	<i>Nanoscience and Nanotechnology</i>	Zvi Yaniv President & CEO, Applied Nanotech, Inc	Schott, Yonkers, New York
October 11, 2002	SIDMAC OLED Symposium	See Page 4.	Hyatt, Princeton, New Jersey
November 13, 2002	<i>IDRC Review</i>	Frank Libsch (IBM), George Melnik (Philips), Larry Web & Ravi Rao (Plasmaco)	Schott, Yonkers, New York
December	No Meeting. Happy Holidays!		
January 8, 2003	<i>Technical Overview of Manufacturing Process and Commercialization Initiatives</i>	Joe Virginia VP Business Development & Eiric Johnstone, Applications Manager, I-Fire	Schott, Yonkers, New York
February 12, 2003	<i>Microdisplay Trends</i>	Chris Chinnock, Sr. Editor, Microdisplay Report, Insight Media	Schott, Yonkers, New York
March 12, 2003	<i>Military Displays</i>	TBA, Honeywell Aerospace, Defense Avionics Systems	Honeywell, Teterboro, New Jersey
April 9, 2003	<i>OLED</i>	TBA, Kodak	Kodak, Rochester, New York
May 14, 2003	<i>Display Technology and Manufacturing of Substrates and Flexible Displays</i>	Reiner Mauch, President, Schott Displayglas	Schott, Yonkers, New York
June 13, 2003	Annual Event - Trip to Corning Inc.		Corning, Corning, New York

*Corning presentation and
tour of Corning Glass*

VENUE FOR SIDMAC MEETINGS

SCHOTT CORPORATION

3 ODELL PLAZA

YONKERS, NY 10701

Phone: (914) 968-8900



[Directions to Schott Corp.](#)



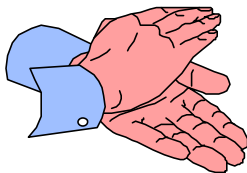
Parking is available around the Schott Corporation building.

For all meeting at Schott there is a pre-meeting dinner from 5:30 until 6:30. Cost is about \$20.00.



Schott Corp. has generously agreed to provide refreshments during SIDMAC meetings. Thanks to the folks at Schott Corp.

We are investigating video teleconferencing of our meetings this year to some MAC locations that are far away for travel to our host locations. A location in Rochester and/or Binghamton is being considered.



Many thanks to Ravi Rao and Munisamy Anandan for their time and their leadership during the 2001 – 2002 SIDMAC season!

ELECTION RESULTS

The following officers were elected to the SIDMAC office for the year 2002-2003:

Chairman: Vince Capozzi
Schott Corp. (914) 378-3823
Email: vince.capozzi@us.schott.com

Vice Chairman: Paul Andry
IBM TJ Watson (914) 945-3069
Email: andry@us.ibm.com

Treasurer: George Melnik
Philips Labs (914) 945-6193
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Secretary: Kanghua Lu
Honeywell (201) 393-3360
Email: kanghua.lu@honeywell.com

Director: Amal Ghosh
Eastman Kodak Co. (585) 722-4318
Email: amal.ghosh@kodak.com

Please feel free to contact any of the office bearers if you have any questions.

A Letter from the Chairman

Fellow Members of SID MAC,

Welcome to the 2002 – 2003 season of the Society for Information Display Mid-Atlantic Chapter and welcome to the officers elected for this season.

Our SID MAC Program Committee has put together a very exciting lineup of speakers for this season. The topics traverse several technologies, some traditional and some will be traditions of tomorrow. As you know, many of our members travel several hours to attend meetings. Therefore, once again, we will take our meetings, “on the road”. As you can see from the enclosed schedule, we are including as much of the Mid Atlantic Chapter area as possible, and hope to see an even greater turnout at this year’s meetings.

In October, SID MAC will host the second annual OLED Symposium. Those of you who attended last year’s symposium will remember the wide breadth of leading speakers that filled the day. This year the SID MAC OLED Program Committee has again prepared an outstanding panel. Mark your calendars, and plan to attend at the Hyatt in Princeton, New Jersey!

Special thanks and appreciation to Ravi Rao for his contributions as Chairman last season. Ravi now joins that impressive collection of former Chairmen who the current officers may call upon from time to time for assistance.

Thanks as well goes to Munisamy Anandan who has left the office of Director of our chapter to lend his expertise to the National SID.

Lastly we welcome back from the ranks of “Retired Chairman” Amal Ghosh, who is now the Director of our chapter proving that no matter how far you move, you can never really get away from SID!

SID MAC is a volunteer organization that promotes the interests of the industry you are in and can offer you some personal service. A visit to our website will attest to that, <http://www.sid.org/chapters/ma.html>. Please become further involved. Attend our meetings. Offer your help on a committee. Be a part of what we can do together! Feel free to contact me at vince.capozzi@us.schott.com, and I look forward to seeing you in September.

Sincerely,

Vincent Capozzi
Chairman
Society for Information Display,
Mid-Atlantic Chapter

OLEDs 2002

The Second SID/MAC OLED Research & Technology Conference

October 11, 2002
Hyatt, Princeton, New Jersey

The Mid-Atlantic Chapter of the Society for Information Display (SID/MAC) is sponsoring a one-day conference on organic light-emitting-diode (OLED) displays to be held in Princeton, New Jersey on Oct. 11, 2002.

Full-color active-matrix displays based on OLED technology are rapidly approaching commercialization. This accelerated time to market has benefited from strong science and technology advances in the understanding of OLED operations. This one-day conference is an opportunity to bring together recognized technology leaders in the OLED community with scientists addressing underlying mechanisms, many of whom work in the Mid-Atlantic Chapter region. The conference will be tailored for both the active researchers and persons interested in understanding OLED technology for potential future applications. If you are interested in meeting and discussing OLED technology with many of the leading research and development teams in the OLED community then this conference is for you.

Agenda

Registration 8:00-8:30am

Break 10:15-10:30

8:30-8:45 Opening Remarks

Vince Capozzi Chair of SIDMAC, Schott Glass
Amal Ghosh, Director of SIDMAC, Eastman
Kodak Co.

10:30-11:00

*“Phosphorescent
OLEDs”*
Yeh Tung
Universal Display
Corporation.

OLED Manufacturing, Companies

8:45-9:15

Keynote Address:
"Displays - the Role
of DuPont in this
Exciting Opportunity"
Dalen Keys, Dupont
Displays

11:00-11:30

*“Improved Blue
Lifetime in Polymer
LEDs : Effect of
Polymer Baking”*, N
K PATEL, C
MURPHY, T P
BUTLER, R S
ARCHER, N L
PHILLIPS, S CINÁ,
M L LEADBEATER
AND C TOWNS,
CAMBRIDGE

9:15-9:45

Title TBA
Steve Van Slyke
Eastman Kodak Co.
Rochester, NY

9:45-10:15

TBD

	DISPLAY TECHNOLOGIES LTD, GREENWICH HOUSE, MADINGLEY ROAD, CAMBRIDGE, CB3 0HJ, UNITED KINGDOM	2:10-2:25	“Packaging OLED Displays using Dual Stage Pressure Sensitive Adhesives”, Jeff Silvernail, Anna Chwang, Michael S. Weaver, Julie J. Brown, Universal Display Corporation; Ranjit Malik, Brian Harkins, Dave Williams, Adhesives Research, Inc., 400 Seaks Run Rd., Glen Rock, PA. 17327
Lunch 11:30-1:00pm			
<u>Materials and Physics:</u>			
1:00-1:20	“Physics and Technology of Patterned Dry Dye Printing for Full Color OLED Integration” James Sturm, Princeton University	Break 2:25-2:45	
1:20-1:40	TBD	<u>Physics:</u>	
1:40-1:55	“Efficient Long-Lived Organic Light-Emitting Devices with Transparent Cathodes” Min-Hao M. Lu, Michael S. Weaver, Theodore X. Zhou, Mark Rothman, Raymond C. Kwong, Mike Hack and Julie J. Brown Universal Display Corp., 375 Phillips Blvd., Ewing, NJ 08618, USA	2:45-3:05	"Light emitting devices from transition metal complexes" George G. Malliaras Cornell University.
		3:05-3:25	
1:55-2:10	“Low Voltage, Single Dopant White Organic Light Emitting Devices”, Brian W. D’Andrade ¹ , Jason Brooks ¹ , Vadim Adamovich ¹ , Mark Thompson ² , and Stephen R. Forrest ¹ ; ¹ Princeton University, ² University of Southern California.	3:25-3:45	“Electroluminescence in Single monolayers of nanocrystals in molecular organic devices” Seth Coe, Wing Woo, Mongi Bwendi, Vladimir Bulovic, Massachusetts Institute of Technology. “Effects of Polydispersity and Chemical Structure on Conjugated Polymer Light-Emitting Diodes”, Anoop Menon, Hanpeng Dong, Zukhra I. Niazimbetova, Lewis J. Rothberg ¹ , Mary E. Galvin, University Of Delaware and

¹University of Rochester.

Zhou, Tan Ngo and Julie Brown, Universal Display Corporation, Max Shtein and Stephen R. Forrest, Princeton University.

3:45-4:05 Title TBA Marc Baldo, Massachusetts Institute of Technology.

5:05-5:20

“a-Si:H TFT Phosphorescent OLED Active-Matrix Pixel”, Jonathan A. Nichols and Thomas N. Jackson, The Pennsylvania State University, M. H. Lu and M. Hack, Universal Display Corporation.

Break 4:05 – 4:25

Back planes/electronic/Packaging

4:30-4:50 TBD

4:50-5:05 *“Organic Vapour Phase Deposition (OVPD) An Innovative Technology for Large Scale OLED Fabrication”*, Markus Schwambera*, Nico Meyer, Gerd Strauch, Michael Heuken, AIXTRON AG, Kackertstr. 15-17, 52072 Aachen, Germany; Theodore

5:20 – 5:35

“Feedback Circuit for Organic LED Active-Matrix Display Drivers” Eko T. Lisuwandi, Charles G. Sodini, Vladimir Bulovix, Massachusetts Institute of Technology.

General Chair

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