

# 60 Seconds...

A Minute of Technology Updates

Heraeus Thick Film Materials Division

October 2010 Volume 12, Issue 3

## **Complimentary Exhibit Hall Passes Available for IMAPS 2010**

To get your complimentary Exhibit Hall Pass to IMAPS 2010, go to [www.imaps2010.org](http://www.imaps2010.org)

Enter your name and the pass will be waiting for you at the registration desk.

Pick up your Free Pass Badge at the Registration Desk during normal registration hours.

### **Registration Hours**

**Sunday Oct. 31**  
7:00 am - 5:00 pm  
**Nov. 1, 2, and 3**  
7:00 am - 5:00 pm  
**Thursday Nov. 4**  
7:00 am - 12:00 pm

### **Exhibit Hours**

**Tuesday Nov. 2**  
11:00 am - 5:30 pm  
**Wednesday Nov. 3**

## **IMAPS 2010 Preview**

IMAPS 2010 is coming to the area known as RTP (Research Triangle Park), North Carolina. IMAPS 2010 is slated to be held at the Raleigh Convention Center in Raleigh, North Carolina from October 31 - November 4, 2010.

As a continued sponsor of IMAPS, Heraeus Materials Technology LLC will be recognized as a Silver Sponsor at this year's show. The Heraeus name will be visible from Note Pads and Pens at the Technical Sessions to the Room Card keys at the Raleigh Marriott City Center, the host hotel. Heraeus is also responsible for hosting the International Reception.

If you are planning on attending IMAPS 2010, we invite you to stop by booth # 703, easily seen as you enter the trade show floor. Heraeus TFD personnel will be on hand to answer any and all questions about Heraeus TFD's products. At the show Heraeus will be highlighting a number of thick film products, including:

- Introduction of the **IAMS**, Insulated Aluminum Materials System for Thermal Management in LED, Concentrative Photovoltaics, Power Electronics, as well as Heater Applications
- Complete line of Thick film pastes, enhanced by the acquisition of the cermet paste business of the Lord Corporation in late 2009

9:00 am - 5:30 pm  
**Thursday Nov. 4**  
9:00 am - 12:00 pm

Quick Links

[www.thickfilm.net](http://www.thickfilm.net)

[www.imaps.org](http://www.imaps.org)

- Comprehensive line of Resinate pastes and Precious Metal powders, enhanced by the acquisition of BASF in 2009
- Thick Film Materials for the emerging SOFC Fuel Cell industry

In line with Heraeus TFD's Silver Sponsorship of IMAPS 2010,



come by the booth to be entered to win a solid 10 ounce Silver bar. One lucky winner's name will be drawn

each day.

In addition to all of the excitement at the booth, Heraeus will be involved with various technical presentations at this year's symposium.

On Monday November 1st, David Malanga, Business Unit Manager, Thick Film for Heraeus TFD, will join Art Dobie, Manager of Screen Technology for Sefar Printing Solutions, to lead the "Technology of Screen Printing" PDC from 9 am - 5 pm. This course will provide production and process engineers the opportunity to learn how to optimize and increase the use of their screen printing operation. Spaces are still available.

The first technical paper will be presented in the LED Packaging session on Tuesday morning from 8:00 am - 11:10 am. The paper is titled "Improvement in Solid State Lighting applications with the use of Traditional Thick film Technology", which was written by Sarah Groman of Heraeus Materials Technology LLC and Neil Jones of TT Group Industries.

The second paper will be presented on Wednesday afternoon, from 1:35 pm - 5:25 pm in the Wirebonding and Stud Bumping II session. The paper is titled "Free Air Ball Consistency of Palladium Coated Copper Wire" and was written by Johnny Yeung, Sylvia Sutiono and Eugen Milke of Heraeus Materials Singapore Pte Ltd.

More information about the symposium can be found at:

[www.imaps2010.org](http://www.imaps2010.org)

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This newsletter was provided by the Heraeus TFD Technical Service Department. Contributions were received from:

Editor -

Meg Tredinnick [meg.tredinnick@heraeus.com](mailto:meg.tredinnick@heraeus.com)

Any comments about this issue or suggestions for future issues are always welcome. - Editor

Heraeus, the precious metals and technology group headquartered in Hanau, Germany, is a global private company in the business segments of precious metals, dental health, sensors, quartz glass, and specialty lighting sources. With revenues of 12 billion Euro and over 11,000 employees, Heraeus has stood out for more than 150 years as one of the leading companies involved in precious metals and materials technology.