

## Upcoming Events

### 217th ECS Meeting

Poster by Lisa Milstein, Ph.D.  
and Phillip Clancy, Ph.D.

Analytical Characterization of ALD  
Thin Film Precursors

**Vancouver, Canada**

April 25-30, 2010

### ICMCTF

International Conference On  
Metallurgical Coatings And Thin Films

Talk by Fuhe Li, Ph.D.

Elemental Characterization of  
Metallurgical Coatings and Films  
using Glow Discharge OES and  
Laser Ablation ICP-MS

**San Diego, CA**

April 26-30, 2010

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## Semiconductor and Photovoltaic Film Characterization by Laser Ablation ICP-MS and ICP-OES

### Discover our new free webinars!

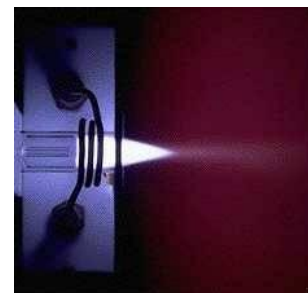
Learn more about a different analytical topic every month and  
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**Balazs webinars are a 1 hour conference followed by Q&A**

This month's webinar will be presented by Dr. Fuhe Li who will  
discuss a variety of elemental survey techniques for depth profiling  
and bulk material characterization and their application to films and  
materials used by the photovoltaic and semiconductor industries.

**March 23<sup>rd</sup> at 2pm PST**

[Get More Information and Register](#)



## Photovoltaic (PV) Industry Growth Updates: High Purity Water (HPW) Risk Management Through Standardization

This is an exciting time for the Photovoltaic Industry, as  
momentum builds and growth opportunities expand with new  
solar products. Many challenges have been revealed during  
this rapid growth period, one of which has been the need for  
better risk management through standardization.

[Read Full Article](#)



## Production Ramp-Up for Maximum Yield

During the later part of 2009 the semiconductor industry declined forcing many  
companies to downsize their production target and workforce. Cost reduction programs  
were implemented to meet revised financial targets and operating incomes (OI). Typical  
programs included limiting contamination monitoring of UPW systems, minimizing  
power to unused cleanrooms and reducing housekeeping. However, in 2010 we all hope  
to see the industry get back on track with revenue and shipments at substantially  
greater levels than 2009. In order to efficiently ramp up production output, several  
integral aspects must be addressed.

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Analytical Insight – Winter 2010

