



The Materials Information Society

# Carolinas Central Chapter

Thursday Sep 17<sup>th</sup>  
6:00 pm  
Centennial Campus  
EB1- 3<sup>rd</sup> Floor

## Clad Metals A Metal for All Reasons

Jerry Johnson

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It's likely that every American uses a clad metal every day. Clad metals are used to produce batteries which power your calculator, cookware which cooks your food, heat shields which protect the electronics in your car, and foils for your catalytic converter. Applications are being developed for fuel cells, PV substrates, and RF cookware

Clad metals have been used for years for electrical and thermal control, welding of aluminum to steel, and reducing corrosion. What are the next applications? Wickedder is sponsoring a contest for Materials Engineering students for the "Best Idea for a Clad Metal" to encourage new thinking. A prize of \$25,000 will be given to the first 3 places. Cladding capabilities will be discussed at the September ASM meeting.

Jerry Johnson has been working with clad metals for over 40 years, having retired from the Metallurgical Materials Division of Texas Instruments (now the Engineered Materials Solutions division of Wickedder Westfalenstahl), recently purchased by Wickedder Westfalenstahl.

Executive Committee  
Dr. Hans Stadelmaier  
Frank Watson  
Ka "Wingo" Wong (Student Rep)  
Stefan Stanescu  
Yuntian Zhu  
Brian Boyette  
Ahmed Moccari  
Richard Fiore

Members - \$15.00  
Retired Members - \$7.00

If you plan to attend, please RSVP to Fred Stevie at [fred\\_stevie@ncsu.edu](mailto:fred_stevie@ncsu.edu) by no later than 2 days prior to the meeting.

Sustaining Members



Accident Reconstruction

