

## 2009 APS March Meeting

Monday–Friday, March 16–20, 2009; Pittsburgh, Pennsylvania

### Session B16: Cold Fusion

Sponsoring Units: DCOMP

Chair: Scott Chubb, Naval Research Laboratory

- 317

- Monday, March 16, 2009  
11:15AM - 11:27AM [B16.00001: Electrodynamic Component of Pd Electrical Conductivity](#)  
Mitchell Swartz
- Monday, March 16, 2009  
11:27AM - 11:39AM [B16.00002: Study Of The Palladium Hydrogen - Deuterium System](#)  
Jan Marwan
- Monday, March 16, 2009  
11:39AM - 11:51AM [B16.00003: Investigation of the Cold Fusion Phenomenon in the Surface Region of Hydrogen Non-occlusive Metal Catalysts; W, Pt, and Au](#)  
Hideo Kozima , Tadahiko Mizuno
- Monday, March 16, 2009  
11:51AM - 12:03PM [B16.00004: Sonofusion: Squeezed Deuteron Clusters. With Small Size. High Energy Density but No High Energy Particles](#)  
Roger Stringham
- Monday, March 16, 2009  
12:03PM - 12:15PM [B16.00005: Time-Dependent Changes in Morphology and Composition of Solid Particles Collected From Heavy Water Electrolyte after Electrolysis with a Palladium Cathode](#)  
John Dash , Q. Wang
- Monday, March 16, 2009  
12:15PM - 12:27PM [B16.00006: Study of methods to increase cluster/dislocation loop densities in electrodes](#)  
Xiaoling Yang , George H. Miley
- Monday, March 16, 2009  
12:27PM - 12:39PM [B16.00007: Metal Catalyzed Fusion: Nuclear Active Environment vs. Process](#)  
Talbot Chubb
- Monday, March 16, 2009  
12:39PM - 12:51PM [B16.00008: Potential Role of Energy Band Theory in Finite Solids and in Resonant Phenomena Involving Metal-Induced Fusion and the Fleischmann-Pons Effect](#)  
Scott Chubb
- Monday, March 16, 2009  
12:51PM - 1:03PM [B16.00009: Wave nature of the deuterium flux permeating palladium thin film](#)  
Xing Z. Li , Bin Liu , Qing M. Wei
- Monday, March 16, 2009  
1:03PM - 1:15PM [B16.00010: Isomorphic Properties of Atoms, Molecules, Water, DNA, Crystals, Earth, SolarSystem and Galaxies](#)  
F.A. Gareev , G.F. Gareeva , I.E. Zhidkova