

IEEE ICOPS 2007
Minicourse
June 22 – 23, 2007

**Diagnostics for High Density Plasmas
and Pulsed Power Systems**

Day 1

7:30	<i>Breakfast</i>	
8:15 – 8:30	<i>Welcome</i>	Dan Jobe, K-Tech
8:30 – 9:15	<i>Overview of High Density Plasma Diagnostics</i>	Mark Gilmore, UNM
9:15 – 10:15	<i>Pulsed Power Diagnostics</i>	Mark Savage, SNL
10:15 – 10:30	<i>Break</i>	
10:30 – 11:45	<i>X-Ray Spectroscopy Techniques</i>	Jim Bailey, SNL
11:45 – 1:15	<i>Lunch</i>	
1:15 – 2:15	<i>Cross-fertilization: Overview of Diagnostics for ITER</i>	Dave Johnson, PPPL
2:15 – 3:15	<i>Shadowgraphy and Shleiren Techniques</i>	Dave Bliss, SNL
3:15 – 3:30	<i>Break</i>	
3:30 – 4:30	<i>Imaging Diagnostics for ICF, HEDP's</i>	Dan Sinars, SNL
4:45	<i>Board busses to dinner on Sandia Crest</i>	
6:00 -	<i>Cocktails & Dinner</i>	

Day 2

7:45 – 8:30	<i>Breakfast</i>	
8:30 – 9:15	<i>Overview of Diagnostics for NIF</i>	Jeff Koch, LLNL
9:15 – 10:30	<i>Nuclear Diagnostics for ICF and HEDP's</i>	Gary Cooper, UNM
10:30 – 10:45	<i>Break</i>	
10:45 – 12:00	<i>Laser Scattering Techniques in High Density Plasmas</i>	John Kline, LANL
12:00 - 1:30	<i>Lunch</i>	
1:30 – 2:15	<i>Target Diagnostics</i>	Mike Campbell, GA
2:15 - 3:15	<i>Diagnostics for Magneto-Inertial Confinement Plasmas</i>	Glen Wurden, LANL
3:15– 3:30	<i>Break</i>	
3:30 – 4:30	<i>Overview of Diagnostics on Z</i>	Ray Leeper, SNL