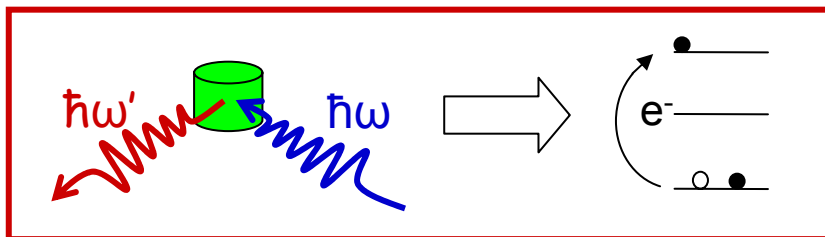


# Inelastic X-ray Scattering and Advanced Spectroscopy Facility for SPEAR3

Workshop at SSRL Users' Meeting, October 8, 2003



<b>8:00</b>	<b>Breakfast</b>	
8:30	Uwe Bergmann SSRL	<b>Welcome and introduction</b>
9:20	Frank de Groot Utrecht University	<b>Applications of RIXS in catalysis and magnetism</b>
<b>10:00</b>	<b>break</b>	
10:40	Jim Penner-Hahn U Michigan	<b>Unsolved problems in biology – what can advanced x-ray spectroscopy contribute</b>
11:20	Vittal Yachandra LBNL	<b>New x-ray techniques to study the Mn complex involved in photosynthetic water oxidation</b>
<b>12:00</b>	<b>lunch break</b>	
1:30	Anders Nilsson SSRL/Stockholm	<b>New perspective on structure and bonding in water using XAS and XRS</b>
2:10	Choong-Shik Yoo LLNL	<b>Needs for advanced x-ray microprobes to study crystal and electronic structures of solids at high pressures</b>
<b>2:50</b>	<b>break</b>	
3:20	Oliver Mullins Schlumberger-Doll	<b>Petroleomics: from chemical composition to commercial reality - how XRS will help us</b>
4:00	Kelly Gaffney SSRL	<b>Probing low atomic number chemical dynamics at the LCLS with inelastic scattering</b>
4:40	All participants	<b>Workshop summary</b>