

**2009 SCMR 12<sup>th</sup> Annual Scientific Sessions**  
**Basic Science Pre-Conference Course\***  
**Thursday, January 29, 2009**

**Agenda**

- |                          |   |
|--------------------------|---|
| <b>2:00 PM - 2:05 PM</b> | ~Welcome - The Sensitivity and Sampling Dilemma<br><b>Sebastian Kozerke, PhD</b>                              |
| <b>2:05 PM - 2:30 PM</b> | ~Sensitivity I - Tesla, Boltzmann and Co.<br><b>Michael Schar, PhD</b>  |
| <b>2:30 PM - 2:55 PM</b> | ~Sensitivity II - Dynamic Nuclear Polarization<br><b>Arnaud Comment, PhD</b>                                  |
| <b>3:10 PM - 3:35 PM</b> | ~Sampling I - Scanning Single and Many Voxels<br><b>Ronald Ouwerkerk, PhD</b>                                 |
| <b>3:35 PM - 4:00 PM</b> | ~Sampling II - Sparse makes Fast: Rapid Spectroscopic Imaging<br><b>Jeffrey Tsao, PhD</b>                     |
| <b>4:00 PM - 4:25 PM</b> | ~Application I - Probing Metabolites at High Field<br><b>Hildo Lamb, MD, PhD</b>                              |
| <b>4:25 PM - 4:50 PM</b> | ~Application II - Imaging the Fate of Hyperpolarized Targets<br><b>Damian Tyler, PhD</b><br>~Panel Discussion |

(\* ) Times and presentations titles are subject to change.