<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker/Title</th>
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| 08:30 am – 09:00 am | Anke Henning and Janaka Wansapura  
Welcome, Introduction and Pre-Clinical MRI Core Overview |
| 09:00 am – 09:30 am | Dean Sherry  
“Next generation MRI contrast agents: The design of Gd agents that respond to physiology” |
| 09:30 am – 10:00 am | Ralph Mason  
“Exploring vasculature, perfusion, oxygenation and hypoxia with multiple imaging modalities at UTSW” |
| 10:00 am – 10:15 am | Break |
| 10:15 am – 10:45 am | Jae Mo Park  
“Towards sub-millimeter $^{13}$C MRI in mice with new preclinical equipment” |
| 10:45 am – 11:15 am | Todd Sasser  
“Multiparametric PET/MR and Studies in Preclinical Disease Models” |
| 11:15 am – 11:45 am | Nian Wang  
“High-resolution diffusion and susceptibility MRI in rodents” |
| 11:45 am – 12:45 pm | Lunch |
| 12:45 pm – 01:45 pm | Diana Lindquist, Todd Sasser, Core-staff  
Tour of facility and demonstrations |
| 01:45 pm – 02:05 pm | Ian Corbin  
“Image-guided drug delivery approaches for cancer treatment” |
| 02:05 pm – 02:25 pm | Ananth Madhuranthakam  
“Perfusion MRI to understand pathophysiology in preclinical studies” |
| 02:25 pm – 02:45 pm | Prasanna Alluri  
“Modeling radiation-induced cardiotoxicity in laboratory mice and cancer” |
| 02:45 pm – 03:00 pm | Break |
| 03:00 pm – 03:30 pm | Alan Jasanoff  
“Molecular fMRI” |
| 03:30 pm – 04:00 pm | Diana Lindquist  
“Thinking beyond the proton box: X-nuclear MRI & MRS” |
| 04:00 pm – 04:30 pm | Nan Li  
“Awake small animal fMRI studies at AIRC” |
| 04:30 pm – 05:00 pm | Guiyang Hao  
“Clinical, translational, and basic biomedical research opportunities enabled by the cyclotron and radiochemistry program” |