

Ultrahigh Field NMR: Luncheon Symposium at the 60th ENC

Tuesday April 9, 2019

Merrill Hall

1:00 – 2:15 pm

1:00 - 1:02 pm, Tatyana Polenova:
Introduction

1:02 - 1:12 pm, Tuo Wang:
Resolution Enhancement of Complex Carbohydrates in Native Fungal Pathogens on the
1.5 GHz Series Connected Hybrid Magnet

1:13 - 1:23 pm, Isabella Felli:
IDPs at High Field

1:24 - 1:34 pm, Len Mueller:
¹⁷O Quadrupole Central Transition NMR on the SCH: Bigger is Remarkably Better!

1:35 - 1:45 pm, Christian Griesinger:
Paramagnetic alignment at 1.1 GHz to detect domain dynamics and explain FRET in a
Calcium sensor

1:46 - 1:51 pm, Olivier Lafon:
Ultra-high-field NMR spectroscopy of tau protein involved in Alzheimer disease

1:52 - 2:00 pm, Tim Cross:
Update on NSF midscale instrumentation program

2:00 - 2:15 pm, Informal discussion, questions