

**Emerging Trends in NMR
One-Day Symposium
August 25, 2017, TIFR Hyderabad**

Time	Speaker	Title
9:45-10:00	Vipin Agarwal	Introduction
10:00-10:40	David Bryce	Dynamics and equivalence from J splittings associated with pairs of quadrupolar nuclei in solids
10:40-11:00	Anusha Gopalan	Studying conformational dynamics in proteins using triple-quantum NMR spectroscopy
COFFEE 15 min		
11:15-11:50	Olivier Lafon	Probing proximities between spin-1/2 and quadrupolar nuclei provides new insights into the catalysis structure
11:50-12:20	Kaustubh R. Mote	Multiple sequential acquisition and the use of multiple receivers in solid-state NMR
12:20-12:40	G. Rajalakshmi	Low field NMR using optical magnetometry
LUNCH BREAK: 12:40-13:45		
13:45-14:25	Michal Leskes	Probing bulk materials properties and the electrode-electrolyte interface with exogenous and endogenous MAS-DNP NMR
14:25-15:05	Juergen Senker	Structure, disorder and function in metal-organic frameworks
15:05-15:30	Matthew Dustan	Ion dynamics in functional materials studied with high-temperature solid-state NMR
COFFEE 15 min		
15:45-16:25	Yusuke Nishiyama	Ultrafast MAS and solid-state NMR for samples at natural abundance
16:25-16:45	Mukul Jain	Distance measurements in solid-state NMR
16:45-17:25	Gerd Buntkowsky	Solid-state NMR as monitor for local structures in lead-free functional ceramics
17:25-18:05	Abani K. Bhuyan	

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