

1:30 – 4:00 PM SUNDAY AFTERNOON

Suraj Manrao Symposium for Young Scientists

Ryan Russell (University of Delaware) and **Velencia Witherspoon** (NIH)
Key Ballroom 3-4-6

- Sunday 1:35-1:45 **Exploring Long-Range Contacts and Hydrogen Bonds in Proteins with Proton Detected Solid-State Magic Angle NMR;** Jacqueline Perodeau¹; Daniel Friedrich²; Harmut Oschkinat²; Andrew J. Nieuwkoop¹; ¹*Rutgers University, Piscataway, NJ*; ²*FMP, Berlin, Germany*
- Sunday 1:50-2:00 **Novel Methods for Homonuclear Decoupling in 1H NMR of Solids;** Pinelopi Moutzouri; Federico Maria Paruzzo; Bruno Simões de Almeida; Lyndon Emsley; *EPFL, Lausanne, Switzerland*
- Sunday 2:20-2:30 **Protein Instability in Cadherin-11 Dimerization: Relaxation Dispersion and High-Pressure Studies of Multi-Site Chemical Exchange Reveal Partially Folded Dynamic Intermediates;** Hans Koss; Arthur Palmer; *Columbia University, New York City, NY*

2:30 – 2:50 PM, BREAK

- Sunday 2:50-3:00 **Urine Metabolic Profile in Patients with Parkinson's Disease;** Senthil Kumaran; Sadhana Kumari; Vinay Goyal; Sadanand Dwivedi; Achal Kumar Srivastava; NR Jagannathan; *AIIMS, Ansari Nagar, India*
- Sunday 3:05-3:15 **Comparing the Potential of Helmholtz and Planar Micro-Coils for Analysis of Intact *in-vivo* Samples;** Monica Bastawrous¹; Oliver Gruschke²; Ronald Soong¹; Dieter Gross²; Andre Simpson¹; ¹*University of Toronto, Scarborough, Canada*; ²*Bruker Biospin GmbH, Rheinstetten, Germany*
- Sunday 3:20-3:30 **Electron Paramagnetic Resonance Based on Z-axis Detection of Fictitious Field Modulation;** Xueyan Tang; Michael Garwood; Steven Suddarth; CMRR/Dept of Radiology, *University of Minnesota, Minneapolis, MN*
- Sunday 3:35-3:45 **Gyrotrons and MAS Spheres for Frequency-Chirped and In-Cell DNP;** Chukun Gao¹; Nicholas Alaniva¹; Edward Saliba¹; Lauren Price¹; Pin-Hui Chen¹; Thomas Osborn Popp¹; Sarah Overall¹; Patrick Judge²; Erika Sesti²; Alexander Barnes¹; ¹*ETH, Zurich, Switzerland*; ²*Washington University in St. Louis, St. Louis, MO*

4:00 - 6:00 PM, SUNDAY AFTERNOON

WELCOME RECEPTION + YOUNG SCIENTIST POSTER SESSION

Key Ballroom Foyer with Exhibitors + Key Ballroom 7-8

From 7:00 PM, SUNDAY HOSPITALITY SUITES (optional), opening times may vary

8:30 – 10:15 AM, MONDAY MORNING

LAUKIEN SESSION

Key Ballroom 3-4-6

- 8:30-8:45 **Opening Remarks, M. Albert Thomas, Chair 61st ENC** (University of California, Los Angeles)
Ritchey Award
Amrit Venkatesh (Iowa State University)
- JMR Awards, presented by Lucio Frydman
Angelo Gallo (University of Warwick)
Shannon Helsper (Florida State University)
Niels Karschin (MPI for Biophysical Chemistry)
- 8:45-9:05 **Presentation of the Günther Laukien Prize, Robert Guy Griffin, MIT**
- 9:05-9:25 **Simon Duckett** (University of York)
- 9:25-9:45 **Konstantin Ivanov**(International Tomography Center, Novosibirsk State University)
- 9:45-10:05 **Warren S. Warren** (Duke University)

10:15 - 10:45 AM, BREAK