

## The North Jersey ACS NMR Topical Group

*presents its*

# Annual NMR Symposium

**October 19<sup>th</sup>, 2023**

**Frick Chemistry Auditorium, Princeton University, Princeton, NJ 08544**

More information available on our website: <http://www.njacs.org/nmr-spectroscopy-topical-group>

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### *Afternoon Session (1:00 – 5:00 pm EDT)*



**J. Patrick Loria**  
*Yale*

**Alexej Jerschow**  
*NYU*



**Robert Tycko**  
*NIH*

**Jean Baum**  
*Rutgers*



### *Evening Keynote session (6:00– 7:15 pm EDT)*



**Ad Bax**  
*NIH*

*Dinner (7:15 – 8:30 pm), Frick Chemistry Atrium*

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## Program

### Session 1 – Frick Chemistry Auditorium (1:00 – 2:40 PM ET)

1:00: Thomas Osborn Popp, 2023 Chair NJACS NMR Topical Group

*Opening Remarks*

1:00 - 1:50: J. Patrick Loria, Yale University

*“Loops and Allostery in Protein Tyrosine Phosphatase Function”*

1:50 - 2:40: Robert Tycko, National Institutes of Health

*“Biomolecular Solid State NMR and MRI Experiments at Very Low Temperatures”*

### Coffee Break (2:40- 3:20 PM ET)

### Session 2 – Frick Chemistry Auditorium (3:20 – 5:00 PM ET)

3:20 - 4:10: Alexej Jerschow, New York University

*“Zeeman and Singlet NMR Relaxation Mechanisms Studied by Experiment and Computation”*

4:10 - 5:00: Jean Baum, Rutgers University

*“Mechanistic Insights into Protein Aggregation and Inhibition”*

### Happy Hour! (5:00 – 6:00 PM ET)

### Evening Keynote Presentation – Frick Chemistry Auditorium (6:00 – 7:15 ET)

Keynote Session 6:00 - 7:15: Adriaan Bax, National Institutes of Health

*“NMR Under Pressure”*

7:15: Christine Jorge, 2024 Chair NJACS NMR Topical Group

*Closing Remarks*

### Dinner and Social – Frick Chemistry Atrium (7:15 – 8:30 ET)

Register on the website here: <http://www.njacs.org/nmr-spectroscopy-topical-group>

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