



# 15th International Conference on Muon Spin Rotation, Relaxation and Resonance

## Monday 29 August 2022

### Invited Talks: Yamazaki Prize Giving and Lecture (09:20-10:20)

-Conveners: Thomas Prokscha

time	[id] title	presenter
09:20	[342] Yamazaki Prize Giving	
09:40	[223] Yamazaki Prize Lecture - The quantum muon	BLUNDELL, Stephen

### Invited Talks: Invited Talk I (11:40-12:20)

-Conveners: Pietro Carretta

time	[id] title	presenter
11:40	[184] What high resolution RIXS can tell us of cuprates (and of other quantum materials)	Prof. GHIRINGHELLI, Giacomo

### Invited Talks: Invited Talk II (14:00-14:40)

-Conveners: Hubertus Luetkens

time	[id] title	presenter
14:00	[334] Unsupervised machine learning of muons experiments – why?	QUINTANILLA, Jorge

## Tuesday 30 August 2022

### **Invited Talks: Invited Talk III (09:00-09:40)**

**-Conveners: Stefano Carretta**

time [id] title

presenter

09:00	[325] Opportunities and challenges of molecular spins in quantum nanoscience	SESSOLI, Roberta
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### **Invited Talks: Invited Talk IV (10:40-11:20)**

**-Conveners: Mauro Riccò**

time [id] title

presenter

10:40	[335] Challenges in next generation batteries for accelerating decarbonization	ARBIZZANI, Catia
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# Wednesday 31 August 2022

## Invited Talks: Invited Talk V (Hybrid) (12:00-12:40)

-Conveners: Philippe Mendels

time	[id] title	presenter
12:00	[336] Dipolar-Octupolar Quantum Spin Liquids in Ce-based Pyrochlores	GAULIN, Bruce

# Thursday 01 September 2022

## **Invited Talks: Invited Talk VI (09:00-09:40)**

**-Conveners: Toni Shiroka**

time	[id] title	presenter
09:00	[216] Low-energy Excitations in Quantum Spin Liquid Derived from Molecular Mott Insulator	KATO, Reizo

## **Invited Talks: Invited Talk VII (10:40-11:20)**

**-Conveners: Paolo Santini**

time	[id] title	presenter
10:40	[142] Muons and Quantum Computing Hardware: Challenges and Opportunities	POP, Ioan

## Friday 02 September 2022

### Invited Talks: Invited Talk VIII (09:00-09:40)

-Conveners: **Martin Mansson**

time	[id] title	presenter
09:00	[235] Microscopic Dynamics of Structural Glasses Investigated by Quasielastic Neutron Scattering	Dr ZORN, Reiner

### Invited Talks: Conference Summary (Hybrid) (12:00-12:20)

-Conveners: **Jeff Sonier**

time	[id] title	presenter
12:00	[351] Conference Summary	LANCASTER, Tom