

BeLi-24 will provide a multidisciplinary forum with participants from many parts of the world. The topics will cover the fundamental and applied aspects of materials, devices and systems for beyond Li-ion battery applications. Furthermore, the experimental and theoretical studies of their properties, the mechanisms of charge migration and interactions and the reactions at electrochemical interfaces will be highlighted, together with the application of these materials in batteries. The main aim of BeLi24 is to bring together leading international scientists, engineers, top-level industrial management and business executives to discuss all the aspects of the science, technology and applications of advanced functional materials for beyond Li-ion devices.

### Conference Chairs

Vito Di Noto

*University of Padova*

John Muldoon

*Toyota Research Institute of North  
America*

Walter van Schalkwijk

*University of Washington*

Yang Shao-Horn

*Massachusetts Institute of Technology*

Karim Zaghib

*Concordia University*

### Operation Committee

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Roberta Bertani

Paolo Sgarbossa

Keti Vezzù

Gioele Pagot

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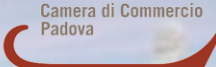
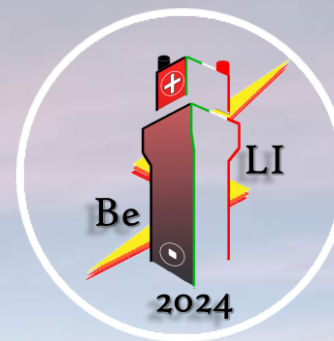
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# International Symposium on Beyond Li-Ion Batteries - 2024

## BeLi-24

1<sup>st</sup> - 6<sup>th</sup> September 2024  
Padova, Italy

<https://projects.dii.unipd.it/beli24/>

# Preliminary Topics

Safety, Sustainability and  
Circular Economy

Lithium Metal Batteries

Alternatives to Lithium

Electrolytes and Interfaces

Advanced Anodes and  
Cathodes

Computational Modelling

Solid State Batteries

Advanced Methods

**BeLi-24** will be opened by

Redox Flow Batteries

Prof. Dr. **Stanley Whittingham** (Binghamton University)

**Nobel Laureate in Chemistry 2019** for Lithium ion Batteries

## Preliminary Program

	Sun	Mon	Tue	Wed	Thu	Fri	
8:30 - 9:00		Keynote	Keynote	Keynote	Keynote	Keynote	
9:00 - 10:45		Session	Session	Session	Session	Session	
10:45 - 11:05		Break Time					
11:05 - 13:10	Registration	Session	Session	Session	Session	Session	
13:10 - 14:45		Lunch Time					Closing Ceremony
14:45 - 15:15	Plenary Session and Opening Ceremony	Keynote	Keynote	Social Excursion	Keynote		
15:15 - 17:00		Session	Session		Session		
17:00 - 17:20		Break Time			Break Time		
17:20 - 19:00		Session	Session		Session		
Evening	Welcome Cocktail	Poster Session 1 and Buffet Dinner		Gala Dinner	Poster Session 2 and Buffet Dinner		
			Concert				