

## Welcome

Ryerson University and the Natural Sciences and Engineering Research Council of Canada (NSERC) are proud to lead a five-year, \$5 million pan-Canadian network of 15 universities and 26 industry and government partners focused on the future of energy storage — an essential technology in the global transition to clean energy.

The NSERC Energy Storage Technology Network (NESTNet) collaboratively explores many different types of energy storage, including flywheels, lithium-ion batteries and compressed air, while determining how best to integrate these technologies into electricity grids. In addition, researchers consider the implications arising from the increasing adoption of energy storage and how consumers will perceive, adopt and interact with these technologies. By partnering with the private sector, NESTNet enables directed progress — without duplication of efforts — towards a strong domestic Canadian energy storage industry that is also competitive in the global marketplace.

As our energy systems transform to integrate clean technologies, cooperation from all sections of society is required. With that in mind, we welcome you to the third annual Leading the Charge conference. This event provides a platform for stakeholders — including technology providers, local distribution companies, government and academia — to come together and share their perspectives on the promise and progress of energy storage.

We would like to offer our sincere thanks for joining us today and gratefully acknowledge the support from our sponsors and partners, without whom this event would not have been possible.

[ryerson.ca/nestnet](http://ryerson.ca/nestnet)

The Centre for Urban Energy at Ryerson University is an academic-industry partnership that explores and develops sustainable solutions to urban energy challenges such as the advancement of smart grid technologies, energy storage, electric vehicles, net-zero buildings and renewables.

[ryerson.ca/cue](http://ryerson.ca/cue)

## Speakers



**Jessie Ma** is a senior research fellow at Ryerson University's Centre for Urban Energy



**Neetika Sathe** is vice president of advanced planning at Alectra Inc. and chair of the NSERC Energy Storage Technology Network board of directors



**Sean Conway** is an honorary fellow at Ryerson University's Centre for Urban Energy and a public policy adviser at Gowling WLG



**Eric Gebhardt** is vice president and strategic technology officer at GE Power, based in Atlanta, Georgia



**Jill Powers** is an infrastructure and regulatory policy manager at the California Independent System Operator, based in Folsom, California



**Michael Maiello** is vice president of energy storage systems at Schneider Electric, based in Foxborough, Massachusetts



**Bala Venkatesh** is the academic director of Ryerson's Centre for Urban Energy and director of the NSERC Energy Storage Technology Network



**Leonard Kula** is the chief operating officer and vice president of planning, acquisition and operations at the Independent Electricity System Operator (IESO)



**Jane Kearns** is a senior advisor with MaRS Cleantech



**Daniel McCormick** is the vice president of sales at Constant Power Inc.



**Matthew Sachs** is the chief operating officer at Peak Power



**Hari Suthan** is the chief strategic growth and policy officer at Opus One Solutions



**Ian Rowlands** is a professor and the associate vice president of international at the University of Waterloo and internationalization leader of the NSERC Energy Storage Technology Network



**Claudio Cañizares** is a professor of electrical and computer engineering and Hydro One endowed chair at the University of Waterloo and theme three leader of the NSERC Energy Storage Technology Network



**Liuchen Chang** is a professor of electrical and computer engineering at the University of New Brunswick and theme two leader of the NSERC Energy Storage Technology Network



**F. Handan Tezel** is a professor of chemical and biological engineering at the University of Ottawa and theme one leader of the NSERC Energy Storage Technology Network

Speakers are listed in order of appearance. To view their complete bios, please visit [www.ryerson.ca/leading-the-charge](http://www.ryerson.ca/leading-the-charge).

# NSERC Energy Storage Technology Network

## Leading the Charge

Conference program

Thursday, June 21, 2018  
Mattamy Athletic Centre

#LeadingTheCharge



