NSERC CREATE **TOP-SET** Un programme *FONCER* du CRSNG

Séminaire

Le lundi 15 novembre 2021, 13h
MS Teams
Le séminaire se déroulera en anglais.

Seminar

Monday, November 15, 2021, 1 p.m.
MS Teams

Now is the time to make your move to green energy

Pratap Revuru, Schneider Electric

Abstract: Canada's climate action and net zero plans are a signal to fight against climate change. To lead in the climate crisis means factoring climate risk into business strategy and actively identify opportunities to drive change. Companies that are tackling the climate change challenge find that it is critical to deploy analytics powered infrastructure. Layer AI and machine learning on top of this digital foundation, and you can more accurately predict what's going to happen, operate more efficiently and identify opportunities to innovate in real-time. Grid operators and consumers are investing in smart technologies to manage real-time energy inputs and outputs. These smart tools and access to the robust data they provide are paving the way for intelligent energy and resource management systems for homes, buildings, industries, and cities. Microgrids are becoming more prosumer-driven and increasingly hybrid. In this presentation, we will discuss how to ensure a microgrid project is designed with the best outcomes."

Bio: Pratap Revuru is Director, Microgrid Solutions and Strategic Partnerships at Schneider Electric. His focus areas include developing and leading microgrid solutions for various customers using distributed energy resources like energy storage, solar and generators. He has more than 35 years of experience in multiple leadership roles, including in power systems engineering, marketing, services, renewable energy projects, business development and large projects management. Prior to his current role, Pratap was Senior Manager, IoT Solutions and Partnerships where he led an engineering team in establishing smart grid solutions. He led and managed the development of Markham Municipality's Alectra Drive for the Workplace project and its Demand Energy Resource Management System (DERMS). Pratap is a Certified Solution Architect Professional & Electric Utilities and Energy Management Professional; Ryerson University - Center for Urban Energy (CUE) Honorary Fellow; registered Professional Engineer in the province of Ontario; Senior Member of IEEE; and a NSERC Energy Storage Technology Network Research Steering & Commercial outreach Committee Member. He has published technical papers in leading magazines and is a winner of a "Person Who Makes a Difference" award in Schneider Electric Canada. Pratap aims to make an impact in reducing climate change impact and making the world a better place to live.

TOP-SET est un programme de formation FONCER du CRSNG en puissance optoélectronique ayant pour but de façonner une cohorte de personnel hautement qualifié détenant des connaissances approfondies en systèmes optoélectroniques pour joindre les rangs d'équipes de recherche et développement.

Pour de plus amples renseignements sur TOP-SET, veuillez consulter create-topset.eecs.uottawa.ca/fr.

NSERC CREATE Training in Optoelectronics for Power: from Science and Engineering to Technology (**TOP-SET**) is a training program that aims to form a cohort of highly qualified personnel with comprehensive understanding of optoelectronic systems, capable of joining advanced R&D teams.

For further details regarding TOP-SET, go to create-topset.eecs.uottawa.ca.

NSERC CRSNG

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