

## Séminaire

Le lundi 26 juin 2023, 13h

ARC 233 et [MS Teams](#)

\*Le séminaire se déroulera en anglais.\*

## Seminar

Monday, June 26, 2023, 1 p.m.

ARC 233 and [MS Teams](#)

### Field experiences and lessons learned with the grid integration of DERs Fernanda Trindade, University of Campinas, Brazil

**Abstract:** This talk will cover the field experiences and lessons learned from the last 10 years of the research group in power systems from the University of Campinas, Brazil, in R&D projects sponsored by distribution utilities. These projects involved integrating distributed energy resources in distribution power systems and led to the implementation of the largest living lab in Latin America. The Brazilian regulatory model for R&D projects in power systems will be presented as a successful model for enabling the preparation of the grid for the energy transition.



**Bio:** Dr. Fernanda Trindade (IEEE Senior Member) is an Associate Professor at the Department of Systems and Energy of the School of Electrical and Computer Engineering of the University of Campinas (UNICAMP), usually ranked among the top 3 Latin America universities in important international rankings, and among the 15%-top world universities according to the QS World University Rankings 2023. She received the MSc and PhD degrees in Electrical Engineering from the University of Campinas (UNICAMP), Brazil, in 2009 and 2013, respectively. From 2011 to 2012, she was a Visiting Doctoral Scholar at the University of Alberta, Edmonton, AB, Canada, working for Prof. Wilsun Xu. She started working at Unicamp in 2015. Currently, she is an Associate Editor of the IEEE Transactions on Power Delivery and Power & Energy Letters. Her research interests are power distribution systems, non-technical losses, fault location, and integrating distributed energy resources into the grid.

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 rejoindre les rangs d'équipes de recherche et développement.

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