

**IEEE South Saskatchewan Section is pleased to present the seminar:**

**“Grounding Systems for High Voltage Facilities”**

**by**

**Mr. Carl Moller**



**When:** Wednesday, June 28, 2017

**Time:** 12 – 4:00pm (pizza lunch at noon -- presentation starts at 1:30pm)

**Where:** ED 209, University of Regina, Main Campus

**Overview:** Grounding in the context of high voltage facilities is one of the primary systems integral to the safe operation of the electrical system. Designing effective and economical ground grids requires a sound understanding of engineering principles, electrical circuits, field theory, ground testing, and good judgment. Grounding systems are everywhere and their interaction with each other is often overlooked or underestimated. This two-hour seminar will introduce some of the fundamental concepts of grounding in a high voltage context, and provide some practical approaches to solving grounding problems.

**All are welcome and invited to attend !!**

**Bio:** Carl Moller is a professional grounding engineer with over 10 years of design and testing experience with high voltage substations, hydro and thermal generation stations and mining stations. In addition to engineering design and studies, Carl has extensive experience in grounding testing and investigation. Carl has published several research papers and has been a regular presenter at the annual CDEGS Users' Group Meeting. Carl was also a speaker at the 2014 EPEC conference. As a Senior Member of the IEEE, he has contributed to the multiple working groups within the IEEE PES Substation Committee. Carl is an invited participant in the latest grounding working group for CIGRE, B3-35 and also sat on the review committee for the AEUC (Alberta Electrical Utility Code) in 2015. Carl's involvement in international committee work has also provided him with opportunities to develop training tutorials and grounding courses for utilities in Canada and abroad.

Cost: \$40 – Non IEEE members (event + pizza)

\$15 – IEEE members and students (event + pizza)

**Confirm your seat at:** <https://events.vtools.ieee.org/m/45739>

**Dietary restrictions and other questions:** [raman.paranjape@uregina.ca](mailto:raman.paranjape@uregina.ca)

Please note that seating is limited and this event could easily be over subscribed.