



This e-mail is to inform you about the second of a series of technical seminars/panel discussions arranged by the IEEE Southern Alberta Section, Control System Society/Instrumentation Measurement Society (CSS/IMS) Joint Chapter. The series includes technical seminars/panel discussion on a number of very interesting subjects relevant to the Control Systems and instrument measurements. It is designed for those who are motivated to further and deepen their knowledge in these subjects.

The particulars of this panel discussion are as follows:

Title: ***Smart Grid solutions in the World and in Alberta***

Date/Time: September 19, 2012, 6:00 PM to 8:30 PM MST
Doors open at 5:00PM MST

Location: T1-Auditorium (TransAlta Building)
110 – 12 Ave SW, Calgary, Alberta, Canada T2P 2M1

Keynote Speaker: Mladen Kezunovic, Ph.D., P.E., F.IEEE

Panellists: Mladen Kezunovic, Ph.D., P.E., F.IEEE
Om Malik, Ph.D., LF.IEEE (Professor, U of Calgary)
Fred Ritter, P.Eng., SMIEEE (Chief Engineer, AESO)
Brian Baudais (Technical Director, Energy Technology, Transalta)

Facilitator: Andre Van Dijk, P.Eng., MBA(VP of Operation, Enmax)

Discussion Format:

- Keynote speech (30 minutes)
- Panel discussion/Q&A (120 minutes)

Keynote Speaker Bio: Dr. Mladen Kezunovic is a Principal Consultant, as well as President and CEO of Test Laboratories International, Inc., which has been providing consulting, product development and training services for utility industry for the last 20 years. He has also been a Professor for 25 years at Texas A&M University where he holds and endowed Eugene E. Webb professorship and conducts over \$10million in smart grid research projects.

Abstract: In preparation for Panel Discussion, the organizers have conducted the email survey among utility experts. Based on their feedback the following specific subtopics will be included in the Panel Discussion:

- Smart Utilities: Big Data and Advance Data Analytics
- Hierarchical Coordinated Protection of the Smart grid with High Penetration of Renewable Resources
- The 21st Century Substation Design
- Energy Storage: utility grade vs. micro-grid (local) grade solutions

We expect that the audience will have own relevant questions as well.



Parking: Parking on the street is free after 6:00pm. There are also various parking lots around, but they do charge (nominal fees for evening)

Coordinators: Dalibor Kladar(Event), Ronnie Minhaz (Registration)

Event Fees: Advanced online registration and payment only. If payment does not go through, registered attendees will pay at the door rate BY CHEQUE or MONEY ORDERS ONLY to be made out to “IEEE Southern Alberta Section”. No refunds accepted.

Payment in advance is available using your Credit Card by going to the IEEE vTools Meetings website at

[Smart Grid solutions in the World and in Alberta](https://meetings.vtools.ieee.org/meeting_view/list_meeting/13805)

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Advance On-line Registration:

IEEE Members	Non- IEEE members	IEEE Student Members	Non - IEEE Student Members	IEEE Life Members
\$15	\$25	\$5	\$7.5	Free

At the Door Registration:

IEEE Members	Non- IEEE members	IEEE Student Members	Non - IEEE Student Members	IEEE Life Members
\$20	\$30	\$7.5	\$10	Free

This seminar meets the APEGGA and ASET requirements for seminar attendance for professional development. In addition, go to www.ieee.org/join if you wish to join IEEE, <http://sas.ieee.ca/> if you wish to know about IEEE SAS events.

For more details for the event please contact the event coordinator at KladarD@ieee.org.

For registration questions or concerns, please contact minhaz@ieee.org.

The committee is looking for volunteers (committee members) as well as feedback. Please send them to matt.eskandar@mrcsi.com