



This e-mail is to inform you about the **first** of a series of technical seminars arranged by the IEEE Southern Alberta Section, Control System Society/Instrumentation Measurement Society (CSSS/IMS) Joint Chapter. The series includes technical seminars 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 first seminar are as follows:

**Title:**

***The 21st Century Smart Grid: Current Development,  
Future Opportunities and Challenges***

**Corporate  
Sponsors:**

**In-Kind Sponsors:**

*Date/Time:* March 15, 2012, 6:30 PM to 8:30 PM MST, Doors open at 5:30PM MST

*Presenter:* **Mladen Kezunovic, Ph.D., P.E., F.IEEE**

*Abstract:* *This seminar will explore many questions of interest to the audiences in Canada, particularly Alberta:*

- *What is Smart Grid and what are the advantages of using it in Alberta – ‘the oil country’?*
- *Why different countries and utilities have different level of activities in Smart Grid implementation? What are the lessons learned useful for Canada and Alberta?*
- *Increasing G&T&D Reliability, Efficiency & Safety, Decentralized Generation, Fault Detection, Outage Management, Condition Monitoring, Synchrophasors, Demand Response.*
- *Smart Metering, Distributed Generation (Natural Gas, Wind, Solar, Biomass, Geothermal).*
- *Increase Gross Domestic Product by creating new, Green-Collar Energy Jobs, Electric Vehicles (Mobile Energy Storage), Energy Conservation, Green Gas Control*
- *Interoperability Standards and their Role in Smart Grids.*

**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.

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

**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)

**For more details for the event please contact the event coordinator at [KladarD@ieee.org](mailto:KladarD@ieee.org).**

**For registration questions or concerns, please contact [minhaz@ieee.org](mailto:minhaz@ieee.org).**

**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

**[The 21<sup>st</sup> Century Smart Grid: Current Development, Future Opportunities and Challenges](https://meetings.vtools.ieee.org/meeting_view/list_meeting/11061)**

[https://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/11061](https://meetings.vtools.ieee.org/meeting_view/list_meeting/11061))

Registration times/fees are as follows:

**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](http://www.ieee.org/join) if you wish to join IEEE, <http://sas.ieee.ca/> if you wish to know about IEEE SAS events.

**The committee is looking volunteers (committee members) as well as feedback. Please send them to [matt.eskandar@mrCSI.com](mailto:matt.eskandar@mrCSI.com)**