The Conference will feature special sessions and tutorials by world-leading experts. Its topics of interest cover all subjects in power quality, including but not limited to the following:

**Power quality modeling and assessment**
- Modeling of disturbance sources and propagations
- Computational and analytical techniques for PQ assessment
- Methods to study the impacts of EVs, CFLs, and other new loads
- Probabilistic aspects of power disturbance analysis

**Power disturbance measurement and monitoring**
- Power quality troubleshooting techniques
- New techniques for disturbance sensing and diagnosis
- Hardware and algorithms for disturbance processing
- Improvements on power quality monitoring standards

**Technologies for power quality improvement**
- Novel passive/active filters and disturbance compensators
- System-wide solutions for PQ disturbance mitigation
- Planning and operating strategies for PQ management
- Customer side disturbance mitigation initiatives

**Power quality economics and standards**
- Financial impact of PQ disturbances on customers and utilities
- PQ cost assessment methodologies and results
- Developments in equipment immunity and emission standards
- Application of PQ standards and new industry practices

**Emerging topics in power quality research**
- AMI and smart meter based power quality monitoring
- PQ challenges in renewable energy, DG and microgrid schemes
- Information extraction and transmission using disturbances
- Smart grid technologies for power quality management

### Important Dates
- Jan. 15, 2012: Submission of full papers for review
- Mar. 31, 2012: Notification of acceptance of papers
- May 15, 2012: Deadline for early bird registration

*The papers will be published in IEEE Xplore and EI indexed*