



Autovation® 2010

Call for Abstracts



The deadline for submission is **March 29, 2010** by **5:00 p.m. (CST)**.

Authors will be notified of selection in **April 2010**.

Utilimetrics is pleased to announce this year's "call for abstracts" for the utility industry's premier smart metering and smart technology conference and exposition. Autovation® 2010 will be held in **Austin, Texas September 12-15** at the Austin Convention Center. One of the only events in the smart grid arena to foster true collaboration among multiple groups: utilities, technology solution providers, consultants, academic and corporate sectors, and regulators. Autovation® 2010 is a not-to-miss educational forum for anyone interested in creating, sustaining, and optimizing smart technologies in a smart grid world.

PROGRAM SCOPE: The Utilimetrics Program Committee seeks original papers regarding: (1) three of the seven objectives of the Smart Grid as defined by the Department of Energy (DOE) and (2) topics of interest specific to the water industry, and (3) topics related to business processes and decision-making. Specifically, Utilimetrics is interested in original papers that **present methods, processes, lessons learned, and best practices** associated with:

- **Optimizing asset utilization and operating efficiency**
- **Anticipating and responding to system disturbances**
- **Operating resiliently to attacks and natural disasters**
- **Using smart technologies in the water industry**
- **Making effective decisions for engaging customers and optimizing business outcomes.**

TOPICS OF INTEREST:

The topics of interest for each of these objectives as outlined by the Program Committee include but are not limited to:

| Optimizing Asset Utilization and Operating Efficiency | Anticipating and Responding to System Disturbances | Operating Resiliently to Attacks and Natural Disasters | Water Utility Issues | Utility Business Processes and Issues |
|---|--|--|--|---|
| Topics of Interest | | | | |
| Smart Meter Deployment | Voltage/ Pressure and Frequency Monitoring and Control | Cyber Security | Using Smart Meters in the Water Industry | Consumer Education and Public Relations |
| Smart Metering ROI and Business Case Development | Fault Location and Isolation | Theft | Smart Metering ROI and Business Case Development | Business Process and Model Revision |
| Using Smart Meters in the Water Industry | Outage Detection and Restoration | Mobile Operations Center | AMI Procurement Strategies | Project Management |
| Demand Response Technologies and Best Practices | Leak Detection | Disaster Recovery | Interoperability | Workforce Management |
| Time of Use (TOU) and Alternative Rates | Auto-Restoration, Momentary Outage | Backup Location and Mobile Solutions | Standards | Advanced Communication Risk Management and Consumer Education |
| Home Area Network (HAN) | Switching | Risk and Risk Management | Meter Data Management | Using Increased Data Capacity for Effective Decision Making |
| Load Forecasting and Planning | Field Operation Efficiency | | Information and Decision Making | |

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|---------------------------------|--|--|----------------------------|--|
| Increased Reliability Issues | | | AMI Procurement Strategies | |
| Field Operation Efficiency | | | Smart Meter Deployment | |
| Product Lifecycle | | | Leak Detection | |
| Interoperability | | | Cyber Security | |
| Standards | | | | |
| Meter Data Management | | | | |
| Information and Decision Making | | | | |
| AMI Procurement Strategies | | | | |

SUBMISSION DEADLINE:

The deadline for submission is **March 29, 2010 by 5:00 p.m. (CST)**. Please submit all abstracts to **Rachel Gunderson** at rgunderson@utilimetrics.org using the **official abstract submission form**.

GUIDELINES FOR ABSTRACT SUBMISSION:

- All papers should represent an unbiased description of lessons learned, case studies, demonstration projects, new technologies or practices relevant to the utility industry.** Both subtle and blatant advertisement of any products or services is in conflict with the goals of Autovation, a place where true collaboration and discovery is encouraged.
- The abstract should state the learning objectives associated with the paper or study, the topics addressed, the content level of the presentation, and the key findings.** Abstracts should emphasize what the audience and key industry stakeholders may discover or learn as a result of listening to the presentation or interacting with the presenter and his or her ideas. Additionally, the abstract should identify whether the content is appropriate for those new to the industry or for those members with multiple years of experience.

3. **Material presented at Autovation must be substantively identical to that described in the abstract.** In particular, the title, authorship, and content of the presentation at meeting must align with the abstract itself.
4. **The content should identify benefits and significance.** Actual benefits and significance should be reported. Has a project, for example, streamlined operational efficiency? Or, does the method described allow utilities to respond effectively to system disturbances?
5. **All abstracts must be submitted using the official abstract submission form.**

ABSTRACT SUBMISSION INFORMATION:

1. **There is no limit to the number of abstracts that may be submitted by an individual, company, organization, or institution.** Each abstract should be submitted one time only, duplicate abstracts will be discounted.
2. **Membership in Utilimetrics is not a requirement for presentation.**
3. **All participants must register for the Conference** and, with the exception of utility presenters, are responsible for their travel and lodging expenses and registration fees.
4. **Authors should be aware that content in an abstract will be distributed in promotional materials and will appear on the Utilimetrics website.** Submission of an abstract also grants Utilimetrics the right to distribute and edit the abstract.
5. **Student presenters are eligible for a reduced student registration fee.**
6. Abstracts will be considered for one of **three different presentation settings** which include panel session presentations, full session presentation and poster presentation as defined below:
 - **Panel Sessions:** Panel presentations include a session manager and several presentations under a topical umbrella. There may be up to 4 or 5 presentations on a given panel. Panel presentations are 20 – 25 minutes in length.
 - **Full Sessions:** Full sessions include a session manager and a single presenter. Full session presentations are typically 45 – 60 minutes in length.
 - **Poster Sessions:** Poster sessions require a poster presentation including graphics and a brief oral presentation to a small audience. All poster sessions will include multiple presenters and will be scheduled in the Exhibit Hall.

While you are asked to designate your preferred presentation setting on the submission form note that **the committee will designate in which setting you will be assigned to present.**

7. **Papers should be submitted in Utilimetrics standard format using the abstract submission form.**

ABSTRACT FORMAT:

Abstracts are to be a minimum of **one (approximately 350 words)** and a maximum of **three (no more than 1100 words)** double-spaced full pages of text (12 point, Times New Roman font) including speaker(s) biography. All abstracts must contain an abstract summary that outlines the purpose, the audience, and learning objectives of the presentation in 350 words or less. Each page must also contain a “footer” with the corresponding author(s), abstract title, and the page number (*Example: M. Jones, Smart Meter Deployment Project in Botswana, page 2 of 3*). Abstracts that fail to meet the minimum page requirement will not be considered for presentation.

The official language of Autovation 2010 is English.

NOTIFICATION PROCESS:

The communicating author designated on the abstract submittal form will be notified of acceptance or rejection by **April, 2010**. Acceptance is contingent on receipt of a completed presentation and slide submission by **July, 2010**.