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Skipping Stone Partner Leads Consumer and Market Analysis Panel for Energy Industry-Academia Workshop at Georgia Tech

Atlanta, GA September 7, 2016 - Ross Malme has helped plan a South Big Data Hub workshop hosted by the Georgia Institute of Technology. At the Applications of Analytics and Machine Learning in Energy Industry-Academia Workshop, Mr. Malme also led a consumer and market analysis panel exploring the analytics of metering data.

Mr. Malme, the inventor of the first successful RF wireless automatic meter reading system in North America, has an extensive background in metering data analytics having directed the development and marketing efforts for Schlumberger's automatic metering business (AMR) on a global basis. In addition, he was responsible for the deployment of AMR and meter data networks in North America and Europe.

The workshop involved about 50 participants from both industry and academia, with a focus on involving early career faculty and researchers. The goal was to connect industry partners with academic researchers in several domains of energy, such as power and smart grid, as well as Big Data and data science. Speakers were invited to share their perspective on high-impact applications or challenges surrounding the use of data science, analytics, informatics, and machine learning in energy. The workshop was divided into two parts. First, industry speakers arranged in consecutive panels gave presentations on the four key areas of energy: upstream, generation, transmission and distribution, and consumer behavior. Then faculty presented related research, and round-table discussions formed to discuss next steps. The results will be used to produce a workshop whitepaper proposing pilot ideas for creating industry-academia partnerships, and highlighting the need and impact of data science on the national landscape.

"Big Data is one of the highest growth areas in the energy industry," says Ross Malme. "We are pleased to partner with Georgia Tech to highlight both the biggest issues facing the energy industry involving big data and some of the most pressing needs for collaboration between the energy industry and academia."

Attendees came from throughout the southern US to attend the event, sponsored by the South Big Data Hub and the [Computing Community Consortium](#). Part of a network of four regional Big Data Hubs, the South Hub was launched by the National Science Foundation and is managed jointly by co-executive directors at the Georgia Institute of Technology and the University of North Carolina at Chapel Hill. It serves 16 states and the District of Columbia to build innovative public-private partnerships that address regional challenges through big data analysis.

Several Georgia Tech faculty worked with Mr. Malme to plan the event: Dr. Renata Rawlings-Goss of the South Hub and the Institute for Data Engineering and Science, Dr. Nagi Gebraeel, of the Stewart School of Industrial & Systems Engineering, and Dr. Tim Lieuwen, Director of the Georgia Tech Strategic Energy Institute.

About Ross Malme

Ross is an Owner, Partner and Member of the Skipping Stone Board of Directors. Ross leads Skipping Stone's Smart Grid and Demand Response Practice. This practice has included leading Skipping Stone's engagement as Technical Advisor to the US Trade and Development Agency (USTDA) which is focused on export of US Smart Grid Technologies to the developing world. In addition, he serves on the National Energy Standards Board (NAESB) Executive Committee Retail Gas Quadrant and is a former advisor to the US Secretary of Commerce on Renewable Energy and Energy Efficiency.

About Skipping Stone

Skipping Stone is an energy markets consulting firm that helps clients navigate market changes, capitalize on opportunities and manage business risks. Our services include market assessment, strategy development, strategy implementation, managed business services and talent management. Market sector focus areas are natural gas and power markets, renewable energy, demand response, energy technology and energy management. Skipping Stone's model of deploying only energy industry veterans has delivered measurable bottom-line results for over 260 clients globally. Headquartered in Boston, the firm has offices in Atlanta, Houston, Los Angeles, Tokyo and London. For more information, visit www.SkippingStone.com

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