

## Symposium Agenda

Day 1 Sep 15, 2009 Tuesday

Morning Session	Utility (Electricity, Water & Gas) Leader's Forum
09:25 – 09:30	<b>Welcome address by the Organizer</b> Angela Lin Editor-in-Chief Metering International China Edition
09:30 – 09:40	<b>Opening Address by Chief Sponsor</b> IBM Global Services (China) Company Limited
09:40 – 09:50	<b>Opening Address by Chief Sponsor</b> Mack Lund, Product Line Manager, Metering Components Business Unit of Analog Devices, Inc.
	<b>Keynote Speeches</b>
09:50 – 10:10	<b>The New Energy Metrology Law and Its Impacts to Metering Market of Electricity, Water &amp; Gas Industries</b> SHI Ziwei, Deputy Chief Engineer, Quality and Technical Supervision Bureau of Shanghai
10:10 – 10:30	<b>AMR/AMI System Construction, Experience and Outlook in Shanghai Power</b> WANG Jin, Director of Metering Division, Marketing Depart., Shanghai Municipal Electric Power
10:30 – 10:50	<b>AMR System Topology Research and Technology Selection for China's Water Metering Industry</b> XU Dong, Deputy Director of Business Management Dept., Hangzhou Urban Construction Investment Group Co., Ltd.
10:50 – 11:10	<b>Gas Metering Development in Shanghai and The Requirement for AMR System</b> LI Xuyin Deputy General Manager, Shanghai Shibeil LNG Supply Company
11:00 –	<b>Exhibition Hall Open</b>
12:30 – 13:30	<b>Delegate Lunch Time</b>
Afternoon Session	AMR/AMI Innovation and Application Vendor Showcase
13:30 – 15:10	<b>Chairman: SHI Jianjun, Chief Engineer, Dandong Scking Electronic Development Co., Ltd.</b>
13:30 – 13:50	<b>Smart Metering Terminals Based on Smart Grid Communication Network</b> SHI Jianjun, Chief Engineer, Dandong Scking Electronic Development Co., Ltd.
13:50 – 14:30	<b>IBM Global AMM Trend and Reference Case Sharing</b> Martin Hauske, Energy and Utilities Leader, IBM Asia Pacific
14:30 – 14:50	<b>Advanced Wireless Technology Used for AMR in Gas Meter Industry</b> CUI Yanqing, Deputy General Manager, Zhengzhou Anran Inspection & Control Equipment Co., Ltd.
14:50 – 15:10	<b>Case Study – Technical Selection &amp; Application of Passive Direct-reading Water Meters without Faintness Spot</b> FAN Jun, Deputy CEO, Ningbo Longkang Intelligent Instrument Co., Ltd.
15:10 – 15:40	<b>Coffee Break &amp; Interact with Exhibitors</b>
15:40 – 17:00	<b>Chairman: Guillaume d'Eyssautier, CEO, Advanced Digital Design S.A.</b>
15:40 – 16:00	<b>Semiconductor Technology for the AMR/AMI System of the Future</b> Mack Lund, Product Line Manager, Metering Components Business Unit of Analog Devices, Inc.
16:00 – 16:20	<b>New PLC System On Chip (SoC) platform for robust and cost effective smart grids</b> Alessandro Moscatelli, Marketing Manager at STMicroelectronics
16:20 – 16:40	<b>From FSK to OFDM, Market Evolution in Asia</b> Guillaume d'Eyssautier, CEO, Advanced Digital Design S.A.
16:40 – 17:00	<b>Standards &amp; Techniques Used for Building PLC-based Communication Networks</b> Peter XIONG, CEO, MIARTECH, INC.
17:00 – 17:30	<b>Guests and Conference Delegates Visit Exhibition Hall</b>



<b>Day 2 Sep 16, 2009 Wednesday</b>	
<b>Morning Session</b>	<b>Educational Workshop 1 – AMR/AMI Project Management Program</b>
9:00–12:00	<p><b>AMR/AMI Project Management Program</b>  <b>Workshop Leader:</b> Charles Vincent - Principal &amp; Chief Architect, Global Center of Excellence, Energy &amp; Utility, IBM Global Services</p>
	<p><b>Part I: Project Planning Artifacts:</b></p> <ul style="list-style-type: none"> <li>◆ Project planning methodology and work plan;</li> <li>◆ Sample project charter, mission, objectives, milestones, complete AMI WBS, and governance models;</li> <li>◆ Lessons learned deep dive presentation and workshop material.</li> </ul>
	<p><b>Part II: Requirements Definition Artifacts:</b></p> <ul style="list-style-type: none"> <li>◆ Requirements definition methodology and complete preparation materials, templates, guides and training material</li> <li>◆ 18 completed IntelliGrid, SmartGrid Use Cases</li> <li>◆ Business process domain structure aligned with overall IT systems (e.g. ERP)</li> <li>◆ Business process maps for AMM</li> <li>◆ Functionality matrix for AMM</li> <li>◆ Interface inventory for AMM</li> <li>◆ Resource planning estimates for AMM</li> <li>◆ Sample functional specs</li> <li>◆ Communication selection (GPRS, CDMA, PLC) - cost, quality</li> <li>◆ Testing - integration testing</li> </ul>
10:30 – 11:00	<b>Coffee Break &amp; Interact with Exhibitors</b>
12:00 – 12:30	<b>Q &amp; A (Interaction with audience)</b>
12:30 – 13:30	<b>Delegate Lunch</b>
<b>Afternoon Session</b>	<b>Educational Workshop 2: Communication Fundamentals and Technology Selection in China AMI Implementation</b>
13:30 – 15:00	<p>The workshop is designed to cover the various options and identify requirements for AMR/AMI needs, lessons learned and current technical bottlenecks in China AMR/AMI system implementation:</p> <p><b>Topics will include:</b></p> <ul style="list-style-type: none"> <li>✓ Market Environment &amp; Requirement of China AMR/AMI System on communication</li> <li>✓ Optional designs in China AMR/AMI systems</li> <li>✓ Comparison of various communication technologies</li> <li>✓ Investment and return analysis</li> <li>✓ Current technology bottlenecks</li> <li>✓ Overview of vendor offerings</li> <li>✓ Onsite interaction with audience</li> </ul> <p><b>Workshop Leader:</b> SHU Shan, Communication Expert            As an invited independent industry expert, Mr. Shushan is the inventor of Static Top-relay Network Solution focusing on low-voltage PLC-based AMR. He has more than 40 years experience on both power grid and communication system. In earlier period of his career, he has engaged in the whole process of the implementation of the wireless load control system. Although he has retired from the chief engineer position, he never stop studying and observing the development of meter reading industry. So he has a comprehensive knowledge of this industry.</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>✓ Elliot Chen, representative of ZigBee, Professor of Jilin University</li> <li>✓ SUN Hongliang, R&amp;D Manager, Chongqing EPRI &amp; Metering Center</li> <li>✓ JIN Meihua, Metering Dept. Manager, Shanghai Gas Group Company</li> <li>✓ MAO Jiaying, General Manager, Shanghai Sunray Technology Co., Ltd.</li> </ul>
15:00 – 15:30	<b>Coffee Break &amp; Interact with Exhibitors</b>

<p><b>Afternoon Session</b></p>	<p><b>Educational Workshop 3: Meter Data Management and Application in AMR/AMI implementation</b></p>
<p>15:30 - 17:00</p>	<p>The workshop is designed to focus on the essence of and different approaches to MDM. It will discuss the nature of MDM system, its role and importance in AMI systems, the factors in strategic planning of MDM, the implementation approaches, the integration with your enterprise system and the maintenance of MDM etc. We will also discuss the lessons learned and technical challenges.</p> <p>Topic includes:</p> <ul style="list-style-type: none"> <li>✓ What is MDM?</li> <li>✓ MDM in AMI, the importance and benefits</li> <li>✓ The basic functions and features of MDM</li> <li>✓ Implementing MDM – a possible roadmap</li> <li>✓ Strategic considerations – build it yourself, buy it from a vendor or outsource it?</li> <li>✓ Technology and Architectural challenges and issues</li> <li>✓ MDM is not for the end user – the AMI applications that will be built on MDM.</li> <li>✓ MDM is not independent – it must be integrated with your enterprise system</li> <li>✓ Build MDM first, future will be easier!</li> </ul> <p><b>Workshop Leader:</b> Prof. Elliot CHEN, member of ZigBee Alliance, the president and the CTO of Mambo Technologies Inc. Part time professor of Jilin University, Northeast Normal University and Northeast Electricity and Power University. Got Master degree in Computer Science of West Virginia University and Jilin University, worked in Hewlett-Packard as a senior technology consultant, Ebay as a senior engineer, and the senior engineer in Verifone in Silicon Valley US for more than 12 years. He has more than 20 years experiences in Computer Science teaching, engineering management, product development and IT system consulting. He is especially experienced in meta-data management, Wireless Sensor Network, Enterprise Application Integration (EAI), and e-commerce.</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>✓ Charles Vincent - Principal &amp; Chief Architect, Global Center of Excellence, Energy &amp; Utility, IBM Global Services</li> <li>✓ PAN Hongyuan, General Manager, Hangzhou Honghu Electron Co., Ltd.</li> <li>✓ To be confirmed.</li> </ul>
<p>17:00 – 17:30</p>	<p><b>Closing Session</b></p>
<p><b>Organizer's Contacts</b></p>	<p><b>Angela LIN</b> Head of Events &amp; Media  <b>Phone:</b> 0086 10 6800 1719  <b>Mobile:</b> 13801338724  <b>Email:</b> <a href="mailto:angela.lin@gsl-consulting.com">angela.lin@gsl-consulting.com</a></p> <p><b>Wendong LI:</b> Conference Manager  <b>Phone:</b> 0086 10 6800 1603  <b>Email:</b> <a href="mailto:event@meteringchina.com">event@meteringchina.com</a></p>

The Organizer reserves the right to alter, change and update the program without prior notice.

