

Expand your horizons
with OMICRON testing solutions



Indian User Meeting

December 10–11, 2018
Mumbai India

Invitation

Building on the major success of the first Indian User Meeting in 2017 we are excited to invite you to the Indian User Meeting. This reflects the importance of this market and we are sure that this will bring us even closer to the users of our equipment.

Date: December 10–11,2018

City: Mumbai, India

Location: Hotel Courtyard by Marriott

Andheri Kurla Road, Andheri East, Mumbai
Meet us at Pearl Hall, First Floor

Language: English

Registration Fees: INR 10,000/- + GST 18%
Register before October 31st and get 10% discount

**Early bird
discount**



Indian User Meeting

Economic growth and the resulting increase in energy demand on one side and increasing cost pressures on the other side result in a challenging situation for utilities around the world: The life management and life extension of existing power equipment become a crucial priority, with the clear goal to utilize those vital assets as long as possible. In addition, with the rise in complexity of the power system it is important to ensure reliable operation of protection and communication systems.

But this also bears risk – efficiency must not come at the cost of compromised safety and reliability. When does a certain piece of equipment become a risk to people and to the system?

The answer to this question, and the key to an efficient asset management strategy is accurate knowledge of the state or condition of the equipment in question. Accurate condition assessment is the major enabler to determine if and what action needs to be taken with key power system equipment.

OMICRON's mission is to provide the electrical supply industry with the tools that support this cause. Whether for off-line diagnostic or online-monitoring, we are determined to provide the most advanced test equipment, enabling the utilities to reliably and accurately assess the condition of power system assets.

Our mission however does not end here. It is not only to provide the industry with state of the art diagnostic solutions but also the knowledge that is required to utilize them efficiently. Our worldwide OMICRON workshops, conferences and OMICRON Academy training classes focus on the goal of providing expert training and detailed background knowledge.

Due to an overwhelming response to First Indian User Meeting last year, OMICRON is again organizing second edition of Indian User Meeting. We are pleased to bring together renowned experts from our own organization and other organizations to meet, share and learn about the latest developments in power equipment diagnostics and monitoring. Up to date real life case studies will deliver accurate accounts of what is happening in the industry. This will help empower the participants to perform condition assessment in accordance with the requirements and possibilities of the hour.

To enhance the opportunity for all participants to share knowledge and learn, questions and discussion are encouraged.

Your OMICRON Team

Speaker Profiles | OMICRON



Aditya Taneja is an application specialist of switchgear and circuit breaker application field. A technocrat with 9 years' experience of working in various South Asian and Middle Eastern markets. He has handled various positions in field of Marketing and Sales. He is working with OMICRON since 2012.



Ahmed El-Hamaky has worked for OMICRON since May 2010, presently as Regional Sales Manager, overseeing the Middle East and South Asia region. Previous roles have included Regional Project Sales Manager (for the Monitoring business related to Rotating Machines, Power Transformers and High Voltage Cables) and Area Sales Manager with responsibility for sales across the GCC region. He has 16 years of experience in Electrical Power systems following attainment of a BSc in Electrical Engineering from Cairo University in 2000 and a diploma degree in power system protection in 2005 from Ain Shams University. He has been an IEEE senior member since December 2011 and is also a member of IEEE Power Energy Society (PES). In 2014 he received a post graduate Certificate in Business Administration from the Open University in the United Kingdom.



Andreas Klien was born in Feldkirch, Austria. He studied computer engineering at the Vienna University of Technology, where he also received the M.Sc. degree. Andreas joined OMICRON in 2005, working as developer and project manager for IEC 61850 products. Since 2014 he is leading a development team for power utility communication products. His fields of experience are in substation communication, SCADA, and cyber security. Andreas is member of the WG10 in TC57 of the IEC, where the IEC 61850 standard is developed.



Bavley Farid has worked as Application Engineer with a focus on Partial Discharge Diagnostics and Monitoring in OMICRON Electronics Middle east, since February 2016. He conducts theoretical and practical training courses, performs partial discharge measurements on HV assets and provides technical support to customers. He received his Bachelor's Degree in Science in Electrical Engineering with a focus on High Voltage Systems from the American University of Sharjah, United Arab Emirates in June 2015.



Fadi Al-Zatari joined OMICRON electronics in Bahrain in 2015 as an Application Engineer. Prior to joining OMICRON, he had worked with NEPCO, Jordan. In 2009, He had completed his BSc in Electrical Power Engineering from Al - Balqa Applied University, Jordan. Currently, Fadi is the RAS (Regional Application Specialist) for Instrument Transformers.



Felix Feustel has been working with OMICRON since 2013. He is presently a product manager for testing solutions for primary assets in HV facilities. He studied electrical power engineering and business administration at the RWTH Aachen University, where he received a B.Sc. in 2011 and a M.Sc. degree in 2013.



Manish Gupta has worked for OMICRON in Hong Kong since February 2000, presently as Regional Manager for the Asia-Pacific region. Before OMICRON, Manish worked with ABB India, starting his career in Vadodara and later at Bangalore until Jan 2000 in the Technology Department for Protection Relays. He has more than 30 years of experience in Electrical Power Systems, following obtaining his engineering degree from MNIT Allahabad (India).



Mohamed Ibrahim Ali has worked for OMICRON since July 2015 and provides technical and application support on primary and secondary testing and diagnostic substation equipment. He conducts theoretical and practical training courses and also troubleshoots technical problems for customers. He finished his BSC degree in Electrical Engineering in 2002 and his high post graduate studies (Diploma in Electrical Power Engineering) in 2007.



Mohit Kumar graduated from MDU, Rohtak with Electrical & Electronics Engineering in 2012. He has a PGD in O&M of Transmission and Distribution systems from Central Board of Irrigation and Power, New Delhi. He joined OMICRON New Delhi office as an Application & Technical support Engineer in 2013. He is currently the Regional Application Specialist for Middle East and South Asia in the field of Power Utility Communication. He is an active Trainer for Protection testing and has carried out various trainings throughout India and Middle East



Phaneendra Bonagiri has worked for OMICRON since August 2016 and provides technical and application support on Primary testing and application support. He conducts theoretical and practical training courses. He finished his Electrical degree from JNT University of Kakinada, Andhra Pradesh in the year of 2011. He has 8 years' experience in the field of Testing & Diagnosis of HV voltage Equipment's like Turbo Generators, Power Transformers, Instrument Transformers etc.



Sridhar Shenoy has been associated with OMICRON India for more than 12 years as an Application engineer. He has more than 20 years of experience in field testing of High Voltage electrical apparatus. He previously worked as "Regional Application Specialist" - Partial Discharge measurements on Transformers/Rotating Machines/ Cables – for OMICRON Middle-East & South Asia region. He has conducted several customized trainings on Partial Discharge applications both in India and the Middle East.

Speaker Profiles | EXTERNAL



Ashutosh Srivastava has completed his B.E in Electrical & Electronics from Dr. B.R. Ambedkar University, Agra and PGDC in thermal power plant Engg. from NPTI, Badarpur. He has over 15 years of experience in erection, commissioning & O&M of EHV substations. He was involved in commissioning of 600 MW thermal power plant at Essar, Mahan from 2007 to 2014. Currently he is working as Chief Manager, O&M with Sterlite Power and is based at Bhopal. He is involved in developing operation & maintenance strategies for Sterlite assets, testing & commissioning of new projects of Sterlite power. He is also certified internal lead auditor for Integrated Management System (IMS) & Asset Management.



Chandra Prakash Awasthi is presently working as Deputy General Manager in Technology Development department, POWERGRID Corporation of India Ltd. Was involved in construction testing & commissioning of two Greenfield substations of 400 kV & 765 kV level, which had IEC 61850 systems. For the last ten years, was actively associated with testing & commissioning of IEC 61850

based control, protection and automation systems at various substations across India. Also contributed towards improvement in Test procedures and Specifications for Substation Automation System in POWERGRID. Was involved in commissioning of the Pilot Project on IEC 61850 based Process Bus in POWERGRID, India. Was associated in resolution of various engineering and implementation issues of IEC 61850 systems. Presently engaged in design, engineering and commissioning of the commercial Full Digital Substation implementation at POWERGRID India.



Kamin Dave has more than 20 years of experience in Relay design & development, Power system design, system studies, Testing, Commissioning and Application of protective relays, SCADA & Wide Area Monitoring system, diagnostic testing of electrical equipment's like generator, transformers, CT etc, operating philosophy of power plants. He worked in position of General Manager-Marketing & Engineering at ASHIDA, India. He was heavily

involved in product development/engineering and system engineering for ASHIDA products/solutions including development of feeder/motor/transformer/distance protection relays. He had worked as an Marketing & Application Engineering Manager at Schweitzer Engineering Laboratories, India and Doble Engineering Company. He is National study committee member of CIGRE-India in B5 Committee and written national committee report on generator protection and Numerical protection relay validation techniques. He is an IEEE member and written and presented several papers & Tutorials in National/International Conferences/seminars in his career.



General Information

If generators are considered the heart of a supply system then transformers can be considered the muscles, transmission and distribution lines the arteries and veins while circuit breakers, together with protection and control systems, are the nervous system.

Just as our bodies grow and mature and then gradually decline so do these key aspects of a supply system. When we visit a doctor for an annual check-up we are keen for him to use the latest technology and knowledge to identify any existing problems or future risks with our health. Similarly a wise engineer will take this approach when assessing the health of a supply system. Many aspects of our lives have experienced profound changes over recent years and fortunately our ability to perform advanced diagnostic measurements with deepened knowledge to properly interpret the results means that we can reliably determine the health of supply systems, increasing reliability while minimizing capital costs.

The topics covered in the Indian User Meeting are focused on providing detailed technical explanations of the latest diagnostic techniques, both on-line and off-line, with the supporting knowledge and examples of recent case histories to substantiate the benefits of these approaches.

The following assets will be discussed

- > Power Transformers
- > Instrument Transformers
- > Rotating Electric Machines
- > GIS and Cables
- > Circuit breakers
- > Protection relays (including IEC 61850 implications and methodology)



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Download the event app now.



**Early registration
advised**

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