

Curriculum Vitae

Personal Data

- Name : Nam-Ho Lee
- Birth Date : July. 26, 1973
- Position : Senior Researcher
- Affiliation : Power System Laboratory
KEPCO Research Institute
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Education

- Bachelor's degree Myongi University Electrical Engineering 1998
- Master's degree Myongi University Electrical Engineering 2001
- Doctor's degree Myongi University Electrical Engineering 2011

Experience

- 2006 - Present Senior Researcher, KEPCO Research Institute
- 2005 - 2006 Junior Researcher, LS Industrial System
- 2004 - 2005 Junior Researcher, LG Industrial System
- 2001 - 2004 Researcher, KEPCO Research Institute

Activity

- 2006 - Present UCA International Users Group Member (Testing Committee)
- 2010 - Present KEPCO Global Standard member (SmartGrid Technical Committee)
- 2010 - Present IEC TC57 WG10 Member ("Functional Testing" TF)
- 2012 - Present OPC-UA Foundation Member
- 2012 - Present KEPCO Substation Automation Working Group Secretary (New Technical Committee)

Thesis

1. "A Development of Visualization Software for Protective Engineering in Low-Voltage Power Systems", KIEE Transaction, vol. 55A, no.7, pp. 297-305, July 2006.
2. "Development of the Power Restoration Training Simulator for Jeju Network", KIIEE Transaction, vol. 20, no. 9, pp. 18-23, Nov 2006.
3. "A Study on the Communication Test of Substation Automation System based on IEC 61850", KIEE Transaction, vol. 57, no. 1, pp. 14-19, Jan 2008.
4. "Development of IEC 61850 Performance Testing Procedures of BUS Protection IED Using UML", KIEE Transaction, vol. 57, no. 5, pp. 767-772, May 2006.
5. "Study on IEC 61850 Performance Testing Procedures of BF Protection IED", KIIEE Transaction, vol. 22, no. 8, pp. 59-66, Aug 2007.
6. "A Study on the Testing Method of IEC 61850 based Merging Unit", KIIEE Transaction, vol. 23, no. 8, pp. 41-47, Aug 2008.
7. "Performance Analysis of the GOOSE Transmission of an IED Considering Network Redundancy", KIIEE Transaction, vol. 23, no. 10, pp. 75-80, Oct 2007.
8. "Client Conformance Testing Experience in the IEC 61850", CIGRE SG B5, 2008.
9. "The Realization Methods of IEC 61850 Based 154[kV] Substation Automation System in KEPCO System", KIIEE Transaction, vol. 24, no. 5, pp. 86-93, May 2010.
10. "Development of IEC 61850 Client Testing System for Verifying the Communication Conformance of Substation Automation", vol. 24, no. 6, pp. 169-176, June 2010.
11. "A Study on the Testing Procedures of IEC 61850 based Transformer Protective IED", Journal of Energy and Power Engineering, vol. 4, no. 11, Nov 2010.
12. "A Study on the Development of Testing Models and Its Design System for the Comprehensive Performance Test of the Substation Automation System", vol. 25, no. 7, pp. 63-71, July 2011.