



Myrto Holiastou

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PRESENT POSITION

Head of the Department of Electrical Measurements

WORK EXPERIENCE

2000 – present

Electrical Measurements Department

HELLENIC INSTITUTE OF METROLOGY (EIM)

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web: www.eim.gr

- Development, validation and run of measuring procedures for the calibration of primary and secondary/working standards. Uncertainty budget support. Calibration services and issue of calibration certificates.
- Training of metrologists in the fields of Voltage, Resistance, Current, Power & Energy metrology (theory and calibration of standards or multifunctional devices). DMDM 2009, Abu Dhabi 2014, AHK Cyprus 2016-2019, HTT Albania 2018, DPM Albania 2021, DEDDIE Greece 2014-2022.
- Consulting services to national Greek and foreign organizations for the development of their quality system.

2012 – present

ESYD (Hellenic Accreditation Council)

- Technical Accessor: Conducting evaluation for the accreditation of the Calibration Laboratories in ISO 17025.

EDUCATION AND TRAINING

1992-1998

PhD in Physics - Thesis Title: "Preparation and Study of the superconducting series $\text{Bi}_2\text{Sr}_2\text{Can}_{1-x}\text{Cu}_x\text{O}_{2n+4}$, $n=1,2,3$ "

National Technical University of Athens (NTUA), Greece.

1992-1994

Msc

Institute of Materials Science, National Center for Scientific Research NCSR "Demokritos", Greece.

1986-1992

Bachelor of Science

Physics Department, University of Athens, Greece.

Languages

English, Proficiency in English, Toefl (USA)

ADDITIONAL INFORMATION

Memberships

EURAMET Subcommittee for Power & Energy (EIM Contact Person)
EURAMET Subcommittee for Low frequency (EIM Contact Person)
EURAMET Subcommittee for DC and Quantum Metrology (EIM Contact Person)

- Projects** Project ENG04 "Metrology for Smart Electrical Grids" (2010-2013), European Metrology Research Programme (EMRP).
- Project ENG52 Smart Grids II "Measurement Tools for Smart Grid Stability and Supply Quality Management" 2014-2017 (EMPIR).
- INNOVATION-EL Greek Infrastructure Network for Nanotechnology, Advanced Materials and Micro/Nanoelectronics, Hellenic Republic & European Union ESPA (2014-2020).
- Publications** Bilateral Comparison of 10 k Ω Standards between the EIM, Greece and the BIPM, BIPM Bureau International des Poids et Mesures, key comparison KCDB EM-K13.b (2004).
- Comparison of the Josephson voltage standards of the EIM and the BIPM, S Solve, R Chayramy, I Stock, M Holiastou and I Flouda, *Metrologia* **47** (2010).
- Key comparison Euramet.EM-K11: ac-dc voltage transfer difference at low voltages *Metrologia*, Volume 48, Issue 1A, pp. 01011 (2011).
- Publications in Magazines** «Measurements with phase measurement units (PMU) in the Greek transmission system" European Metrology Research project (EMRP) ENG04 "Metrology for Smart Grids", Synchronous Technical Inspection, Issue 263 (2015).
- Conference References Presentations** AC-DC transfer method for the calibration of AC voltage at the Hellenic Institute of Metrology, M. Holiastou, E. Flouda, S. Sdrakas, T. Todi, 2nd regular National Metrology Conference, Thessaloniki (2007).
- The upgraded standard for time and frequency at the Hellenic Institute of Metrology, S. Sarafidis, M. Holiastou, G. Krikelas, E. Flouda, S. Sdrakas, 2nd regular National Metrology Conference, Thessaloniki (2007).
- "Modified Wheatstone bridge for the calibration of standard resistors of nominal value from 10 M Ω to 1 T Ω », M. Holiastou, E. Flouda, S. Sdrakas, A. Chatzopoulos, X. Sarafidis, 2nd regular National Metrology Conference, Thessaloniki (2007).
- Presentation of the European project EMRP ENG04 "Metrology for smart electrical grids", M. Holiastou, E. Flouda, T. Todi, 4th regular National Metrology conference, Athens (2012).
- AC-DC Current Transfer: design and operation of standard setup» X, Sfetsiyo, M. Holiastou, 7th regular National Metrology Conference (2018).
- «New ac-dc transfer system within the scientific infrastructure INNOVATION-EL», M. Holiastou, C. Sfetsiou, 8th Metrology Conference, Thessaloniki (2022).