

# COOMET and GEOSTM: A success story for organization and persons

*31<sup>st</sup> online COOMET Committee meeting*

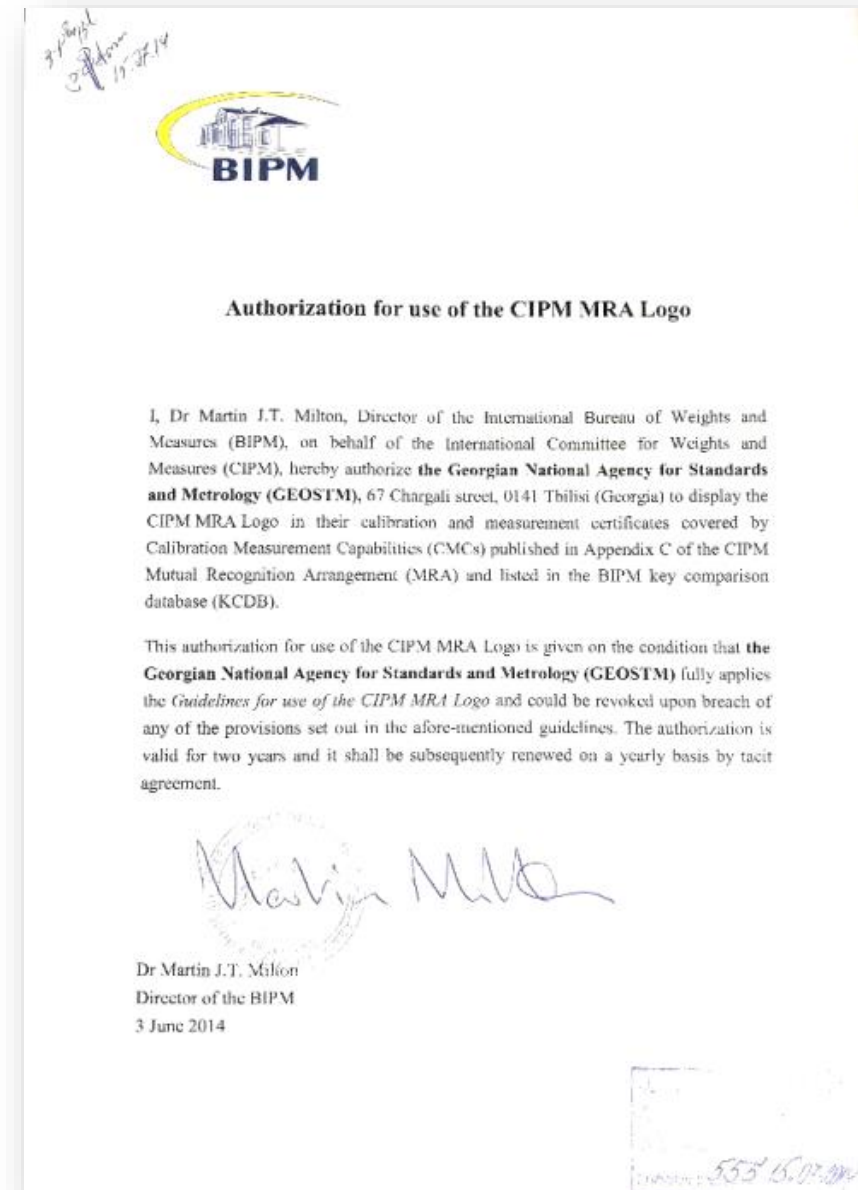
*Nino Mikanadze – COOMET Vice President*



**Successful development and improvement of national metrological infrastructure via participation in the activities of international and regional metrological organizations.**

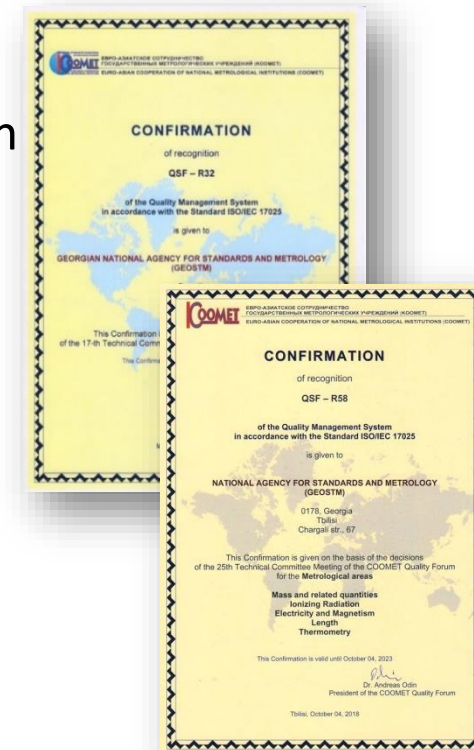
Membership in International/regional organizations		Membership Status, Date
	<b>COOMET</b> Euro-Asian Cooperation of National Metrological Institutions	<b>Full member</b> <b>2006</b>
	<b>BIPM</b> Bureau International des Poids et Mesures	<b>Associated member</b> <b>2008</b>
	<b>OIML</b> International Organization of Legal Metrology	<b>Correspondent member</b> <b>2010</b>

- 2006 GEOSTM became a full member of COOMET
- 2008 – Georgia became an associated member of CGPM
- 2008 – Georgia became a signatory of the Mutual Recognition Agreement (CIPM MRA)



Assuring the uniformity of measures to be solved efficiently, promotes the cooperation of national economies and elimination of technical barriers to trade.

- ➔ 2013 - GEOSTM achieved international recognition by COOMET based on peer evaluation in measurement fields - Electrical measurements, Mass, Temperature.
- ➔ 2018 - re-evaluation was conducted by COOMET to maintain and extend the scope of international recognition - Electrical measurements, Mass, Small Volume, Pressure, Temperature, Humidity, Length and Ionizing Radiation
- ➔ 2021 – GEOSTM has **62 CMC entries** in BIPM database: Temperature – 31, electrical measurements – 18, Mass – 10, Ionizing Radiation – 2, Length – 1
- ➔ the Calibration and Measurement Certificates issued by the Metrology Institute of GEOSTM in the fields covered by CMCs can have **CIPM MRA logo**, in other words the mentioned certificates are **internationally recognized**
- ➔ Increased demand for the metrology services - the needs of the export market, the process of introducing into international markets





Representatives of GEOSTM MI are actively involved in different COOMET TCs such as:

- ⇒ TC 1.2 “Acoustics, Ultrasound, Vibration”
- ⇒ TC 1.3 “Electricity and Magnetism”
- ⇒ TC 1.5 “Length and Angle”
- ⇒ TC 1.6 “Mass and related Quantities”
- ⇒ TC 1.7 “Photometry and Radiometry “
- ⇒ TC 1.8 “Physical Chemistry”
- ⇒ TC 1.9 “Ionizing radiation and radioactivity”
- ⇒ TC 1.10 “Thermometry and Thermal Physics”
- ⇒ TC 1.11 “Time and frequency”
- ⇒ TC 2 “Legal Metrology”
- ⇒ TC 3.1”Quality Forum Technical Committee
- ⇒ COOMET “Quality Forum”
- ⇒ “TC 4 “Information and Training”
- ⇒ “COOMET Presidential Council”
- ⇒ JCRB
- ⇒ BIPM



GEOSTM representatives take active part in the work of BIPM, through participation in NMI directors meeting. GEOSTM representative was invited to participate in CIPM MRA review working group and also representative was invited in the CBKT training as an invited presenter (theme: “How to participate effectively in comparisons”)



- ➔ 2015, 6-8 October - The 12th meeting of TC 4 "Information and Training"
- ➔ 2016, 27-28 September - 10th meeting of the Technical Committee of Electricity and Magnetism
- ➔ 2018, 11-12 September - 15th meeting of the Technical Committee TC 1.10 "Thermometry physics"
- ➔ 2019, 17-20 September - TC 1.5 "Length and Angle"
- ➔ 2019, 26-28 November - The 24th meeting of COOMET Presidential Council



# GeoSTM and it's Experts success story with COOMET

## Technical Experts of COOMET



**Manana Gelovani**

Head of electricity  
measurements  
reference division of  
Metrology institute of  
GEOSTM, Georgia



**Irma Rurua**

Head of Mass and  
Related Quantities  
reference division of  
Metrology institute of  
GEOSTM, Georgia



**Vazha Sikharulidze**

Head of Dimensional  
Measuring reference  
division of Metrology  
institute of GEOSTM,  
Georgia





➤ Head of electricity measurements reference division of Metrology institute of GEOSTM, Georgia

➤ Member of COOMET TC1.3 EM “Electricity and Magnetism”

Mrs. Manana Gelovani has been working at GEOSTM since 1988 starting as electrical engineer , metrologist , quality coordinator and now head of division

## EXPANDING the experience in the Activities of COOMET and BIPM



- Since 2008 - responsible for carrying out comparisons
- Since 2009 – preparation, maintenance and modification of CMCs.
- Since 2012 is the GEOSTM’s representative in the COOMET Technical Committee TC1.3 EM “Electricity and Magnetism”.
- Since 2013 is the member of TC1.3 EM.
- Since 2014 is the COOMET technical expert for regionally and internationally CMCs expertise of DC Voltage, DC Current and Resistance in the field of Electricity and Magnetism and for Peer Review of COOMET NMIs.
- 13-24 Nov, 2017 at the BIPM, SÈVRES, PAVILLON DE BRETEUIL, - a lecturer of the CB&KT course entitled “Sound beginning in the CIPM MRA”.



**Nino Mikanadze** - Director of MI of GEOSTM

- ❖ Vice-President of COOMET
- ❖ Head of COOMET Quality Forum
- ❖ Auditor of COOMET



In 2015, based on decision by COOMET Quality Forum, Director of Metrology Institute of the Georgian National Agency for Standards and Metrology (GEOSTM) – Ms. Nino Mikanadze became COOMET Auditor.

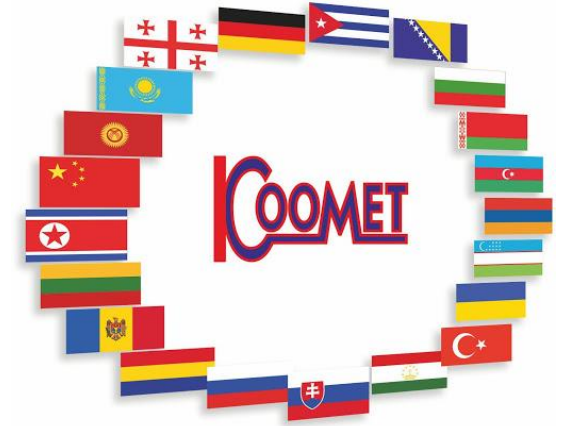
VI International Competition “The Best Young Metrologist of COOMET 2015” was held 17–18 June 2015 in Kyiv, Ukrain. Victoria Kazieva Quality Manager of GEOSTM with the Report „Georgia Development and implementation of QMS. The role of international recognition in metrology field for raising awareness about its benefits for governmental institutions, industry, laboratories and wider public” was awarded as **the best report in English.**



**Winner** of The II International Competition of COOMET“ The Best Young Metrologist” held in Kharkov, Ukraine in 2007



**THANK YOU FOR YOUR  
ATTENTION!**



**Congratulations to Everyone!**

**Your success is our success!**