PROJECT CONSORTIUM

Contact

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www.ptb.de/empir2018/metrowamet

WORKSHOP

Dynamic Measurements Methods for Water Metering

CETIAT, Villeurbanne, France

13th-14th November, 2019

Metrology for Real-World Domestic Water Metering

Workshop

In the scope of the MetroWaMet Joint Resarch Project, CETIAT is organizing a workshop on dynamic measurement and calibration methods for liquid flow meters, with a focus on water meters.

This workshop will focus on:

→ A review of existing dynamic measurement methods and facilities (gravimetric, volumetric, using master meters)

→ A review of methods/facilities under development

→ A discussion around common trends, difficulties and needs from/for the industry

Program

13th november 2019

- 1 p.m. to 2 p.m. : *registration and coffee*
- 2 p.m. to 2.30 p.m. : opening prestentation
- 2.30 p.m. to 4 p.m. : session n°1
- *4 p.m. to 4.30 p.m. : coffee break*
- 4.30 p.m. to 6 p.m. : session n°2
- *8 p.m. : dinner in a typical "Bouchon Lyonnais"*

14th november 2019

- 9 a.m. to 9.30 a.m. : *coffee*
- *9.30 a.m. to 11 a.m. :* session n°3
- *11 a.m. to 11.30 a.m. : coffee break*
- 11.30 a.m. to 1 p.m. : session n°4
- *1 p.m. to 2 p.m. : lunch at CETIAT*
- 2 p.m. to 3.30 p.m. : session n°4
- *3.30 p.m. to 4 p.m. : closing presentation*

- 4 p.m. to 6 p.m. : visit of CETIAT's facilities (main stop: liquid macro and micro flow national standard lab)

REGISTRATION FEE: 150 €

See attached form for registration

VENUE:

CETIAT,
25 Avenue des Arts,
69100 Villerbuanne, FRANCE

MetroWaMet Project

MetroWaMet aims at creating a metrological infrastructure which will enable an integral characterization of domestic water meters close to real-world operation conditions.

The need for this results from changes in the consumption behaviour of consumers as well as from progress in the state-of-the-art of domestic water metering. The measurement trueness under these changed conditions is not verified yet. Currently this cannot be done in an appropriate way as the metrological infrastructure necessary for this is missing.

At the end of the project new capabilities will be available which allow to assess and calibrate domestic water meters under dynamic flow conditions. A metrological framework will be established to address water meter performance for different water qualities and for the withdrawal of low amounts of water.

The project provides input to a number of national and international committees dealing with water metering.

Project duration: June 2018 - May 2021

Workshops

A key element of dissemination activities within the project comprises workshops dedicated to different topics. The following events are planned:

Workshop on dynamic measurements methods, CETIAT, November 2019

Workshop on integral characterization of domestic water meters, PTB, May 2020

National workshops around mid-term and towards the end of the project

Workshops together with the enduser advisory board as part of the project meetings

Further details will be announced on the project‘s web site:

www.ptb.de/empir2018/metrowamet