

## Batemika at TEMPMEKO 2013

TEMPMEKO, the international Symposium on Temperature and Thermal Measurements, is one of the most eminent events for sharing ideas, presenting new developments and meeting colleagues from the thermometry community. Its 12<sup>th</sup> edition, the TEMPMEKO 2013 was held in Funchal, the capital of the Madeira Islands, Portugal, on October 14-18, 2013.



*The conference with a view*

The conference was attended by 291 scientific participants from 42 countries, who presented 177 oral presentations and 161 posters. Alongside with the excellent scientific program, 15 exhibitors/sponsors took advantage of this opportunity to present their equipment and services, as well as to establish personal connections with their customers from national institutes.



*Plenary session of the TEMPMEKO 2013*

Batemika Measurement Solutions attended the event and presented our latest developments together with our partner, Kambic Metrology. We used the event to make the first presentation of two of our new products.



*Batemika at the Kambic Metrology booth*

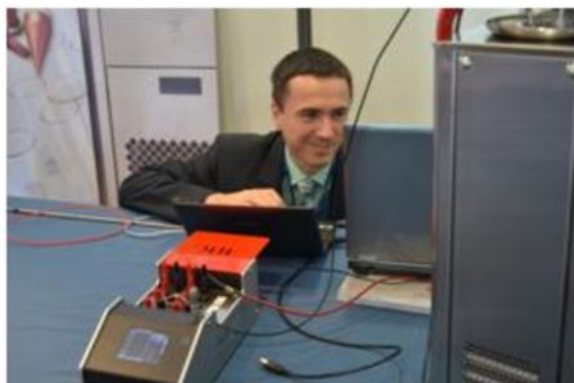
UT-ONE is three-channel thermometer readout, capable of measuring PRTs, thermistors and thermocouples. It features a colour LCD display with touch control, logging to internal memory, battery operation, standard and custom probe

characterizations, battery-operation, USB and serial interface, ambient condition monitoring...



*Equipment and software in action*

Batemika M100 Bridge mA-meter is a specialized device for accurate measurement of measurement currents of top-accuracy resistance bridges. Accurate determination of bridge current is essential in obtaining the accurate self-heating correction of platinum resistance thermometers. The presented prototype received very good reviews and is entering full production in the beginning of 2014.



*Making the last-minute adjustments...*

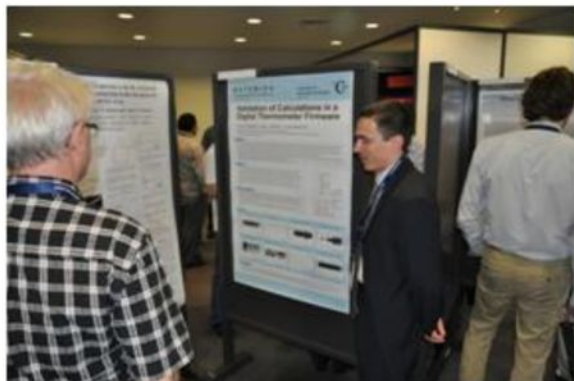
Batemika Measurement Solutions is also developing custom measurement software in NI LabVIEW™. Our solutions range from automation of particular measurement procedures, to solutions related to particular equipment and up to complete laboratory automation based on the central database approach. Software developed by our developers is currently running in four European national institutes.

Read more about our products and services at [www.batemika.com](http://www.batemika.com).



*Do you need a thermometer readout?*

Batemika in collaboration with our partners also presented two contributions in the scientific program. Valentin Batagelj in cooperation with LMK, holder of national standard for thermodynamic temperature in Slovenia, gave an oral presentation about numerical modelling of radiation effects in fixed-point cells. Andraž Miklavc and Valentin Batagelj also presented a poster with a new approach for validating the firmware in measurement instruments. For more details, see our Publications section on our website.



*Batemika presenting a poster in the scientific section*

To conclude we would like to congratulate the organizers, the Portuguese Society of Metrology, the Portuguese Association of Accredited Laboratories and IMEKO TC12 not only for a well organized scientific and exhibitor event, but also for a very pleasant and hospitable social events and cultural visits, which in their more informal atmosphere provide a perfect environment to meet new friends and colleagues.



*Valentin Batagelj and Andraž Miklavc from Batemika enjoying the traditional toboggan ride from Monte*