

Publications de l'équipe Thermométrie

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B. Fellmuth, E. Mendez-Lango, T. Nakano, F. Sparasci, "Guide to the realization of the ITS-90 – Cryogenic fixed points", en attente de publication sur le site du BIPM.

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G. Machin, J. Engert, R.M. Gavioso, M. Sadli, E. Woolliams "Summary of achievements of the European Metrology Research Programme Project "Implementing the new Kelvin" (InK 1)" *Measurement* 94 (2016) 149–156.

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M. L. Pitre “Determinations of the Boltzmann constant k” CCU, BIPM, Paris, 14/6/2016

L. Pitre, F. Sparasci, L. Risegari, C. Guianvarc'h, M.D. Plimmer, “Determination of the Boltzmann constant k using a 3 litre copper quasi-sphere” Tempmeko2016 26/06/2016- 01/07/2016 Zakopane (Pl)

L. Pitre, F. Sparasci, L. Risegari, C. Guianvarc'h, M.D. Plimmer “ACOUSTIC THERMOMETRY WITH A 3 LITER COPPER QUASI-SPHERE FROM 220 K TO 303 K AT LNE- CNAM ” Tempmeko2016 26/06/2016- 01/07/2016 Zakopane (Pologne)

NICOLA CHIODO, Andrea Cappella, Laurent Pitre, Fernando Sparasci, Lara Risegari, Mark D. Plimmer and Eric Georgin “DIFFERENTIAL MICROWAVES HYGROMETER FOR MOISTURE MEASUREMENTS ON A WIDE WATER VAPOR CONCENTRATION RANGE” Tempmeko2016 26/06/2016- 01/07/2016 Zakopane (Pologne)

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F. Sparasci, L. Pitre, A. Vergé, B. Buée, A. Kowal, B. Koodziej, “The triple points of Xe, C₂F₆ and SF₆: preliminary realization at LNE-Cnam”, Tempmeko2016 26/06/2016- 01/07/2016 Zakopane (Pologne)

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O. Kozlova, S. Briaudeau, D. Truong, V. Vidal, A. Sadouni, F. Bourson and M. Sadli, “Portable and wavelength tuneable near infrared radiation thermometer”, presented at the 13th Symposium on Temperature and Thermal Measurements in Industry and Science, TEMPMEKO 2016, 26 June – 1st July, Zakopane, Poland

M. J. Martin, F. Bourson, C. García-Izquierdo, M. Sadli “A Comparison of the Melting Temperatures of Two High-Temperature Fixed Point Cells between LNE-Cnam and CEM” presented at the 13th Symposium on Temperature and Thermal Measurements in Industry and Science, TEMPMEKO 2016, 26 June – 1st July, Zakopane, Poland

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H C McEvoy, G Machin, D Lowe, A Whittam, M Sadli, F Bourson, L Xiaofeng, M J Martin, C E Gibson, H W Yoon, V B Khromchenko, A Todd, D Woods, Y Yamada, Y Yamaguchi, M S Matveyev, D Taubert, K Anhalt, YS Yoo “Update on Progress with The Radiation Thermometry Key Comparison CCT-K10” presented at the 13th Symposium on Temperature and Thermal Measurements in Industry and Science, TEMPMEKO 2016, 26 June – 1st July, Zakopane, Poland

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M. Sadli “Métrologie des hautes températures dans le contexte du programme européen de recherche et d’innovation : premiers résultats et perspectives” 6ème Conférence Internationale de Métrologie du 21 au 24 mars 2016, Dakar, Sénégal.

M. Sadli, F. Bourson, G. Failleau, T. Deuzé, C. Journeau, C. Parga, D. Lowe, A. Diril “Nouvelles références pour la traçabilité in-situ des mesures à haute température jusqu’à 2500 °C” Séminaire « Matériaux et Fluides à Haute Température » du “Groupe Hautes Températures” de la Société Française de Thermique 20 septembre 2016, Paris

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M. Sadli "Self-validation techniques and path transmission corrections for radiation thermometry >2000 °C" Workshop on industrial high temperature measurement solutions 15 Mai 2014 Cnam Saint-Denis.

M. Sadli "Mesure précise de la température : de la redéfinition de l'unité à l'utilisateur" Conférence invitée au séminaire de la filière « Instrumentation » de l'université Aix-Marseille, 14 mars 2014.

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