

ICCAS-SICE2009 in Fukuoka 講演会オーガナイズドセッション報告

温度計測部会では、2009年8月18日～21日に福岡市福岡国際会議場で開催された ICROS-SICE International Joint Conference 2009 において、“Recent Advances in Temperature Measurement”をテーマとしたセッションを企画しました。セッションでは計11件の口頭発表が行われ、活発な質疑応答と議論がありました。ご発表頂いた講演者とセッションに参加頂いた方に感謝致します。

ICCAS-SICE2009の詳細については、<http://www.sice.or.jp/sice2009/>をご参照下さい。講演の題目は下記の通りです。講演詳細については、SICE発行の論文集(CD-ROM)をご参照下さい。

1. “Spectral Stability of 0.9 um Standard Radiation Thermometer,”

*Fumihiko Sakuma (AIST)

2. “A Realization of Co-C Eutectic Point by Using Small Fixed Point Furnace,”

*Tokio Hamada (Tanaka Kikinzoku Kogyo K.K.), Haryki Yamasaki (Tanaka Kikinzoku Kogyo K.K.)

3. “An Emissivity-invariant Condition of Silicon Wafers and Its Application to Radiation Thermometry,”

*Tohru Iuchi (Toyo University), Atsushi Gogami (Toyo University)

4. “Uncertainty of Radiation Thermometers Calibrated by Interpolation between Fixed Points,”

*Yoshiro Yamada (AIST)

5. “Study on the Realization of Zinc Point,”

*Januarius V. Widiatmo (National Metrology Institute of Japan), Muneo Sakai (NMIJ, AIST), Kazuaki Yamazawa (NMIJ, AIST), Kouichi Satou (NMIJ, AIST), Jun Tamba (NMIJ, AIST), Masaru Arai (NMIJ, AIST)

6. “Preliminary measurements of the precise comparison between a radiation thermometer and a platinum resistance thermometer,”

*Kazuaki Yamazawa (National Institute of Advanced Industrial Science and Technology), Kiyoshi Anso (NMIJ, AIST), Januarius Vincentius Widiatmo (NMIJ, AIST), Masaru Arai (NMIJ, AIST)

7. “Study on a Temperature Scale from 24,5561 K to 273,16 K by Comparison Calibration,”

*Kazuaki Kodaira (Japan Electric Meters Inspection Corp.)

8. "Fabrication of Ruby Thin Film for Temperature Indicator Application,"

*Hiroaki Aizawa (Toyo University), Ito Kenichi (Toyo University), Takahashi Sayaka (Toyo University), Komuro Shuji (Toyo University), Miyazaki Yukari (Toyo University), Katsumata Tooru (Toyo University)

9. "Uncertainty for the Realization of the Co-C Eutectic Point for Calibration of Thermocouples,"

*Hideki Ogura (AIST), Masaya Izuchi (AIST), Jun Tamba (AIST), Masaru Arai (AIST)

10. "Development of Sensor Materials for Fluorescence Thermometer Application using LED Excitation,"

*Toru Katsumata (Toyo University), Hiroaki Aizawa (Toyo University), Shuji Komuro (Toyo University)

11. "Performance Evaluation of WC-C Peritectic High-temperature Fixed Point,"

*Naohiko Sasajima (NMIJ, AIST), Yoshiro Yamada (NMIJ, AIST)