Planning of 07 April 2008

Foreword : SI units and Fundamental Constants; M. E. Himbert (LNE-INM/Cnam)	9:00 9: 20
Improvements in the NIST Johnson Noise Thermometry System and Implications for a Boltzmann Constant Determination S. P. Benz (NIST)	9:25 9:45
2007 DCGT Temperature Scale of PTB and the Properties of Helium C. Gaiser (PTB)	9: 50 10:10
The Effective Area of Primary Pressure Balances Operated with Different Gases W. Sabuga (PTB)	10:15 10:35
Coffee break	10:40 11:15
Ab initio Calculations of the Thermophysical Properties of Helium J.B. Mehl	11:15 11:35
The Temporal State of the Study of the Boltzmann Constant Redetermination by a Gas Cylindrical Resonator J. T. Zhang (NIM)	11:40 12:00
Temperature Controls and Traceability for Three Different Experiments for the Determination of the Boltzmann Constant A. Merlone (INRiM)	12:05 12:25
LUNCH	12:30 13:30
Quantum Theory of the Boltzmann Constant Determination by Optical Methods C. J. Bordé (LPL and SYRTE)	13:30 13:50

Optical measurement of the Boltzmann Constant at the 10^{-5} level C. Daussy (LPL)	13:55 14:15
Determination of the Boltzmann Constant by Means of Means of Near-Infrared Laser Absorption Spectroscopy L. Gianfrani (SUN)	14:20 14:40
Update on INRiM Boltzmann Project A. G. Albo (INRiM)	14:45 15:05
Coffee Break	15:10 15:40
Unified Analytical Model for the Acoustic Field in a Spherical or Quasi-spherical Cavity: Effect of Modal Coupling Due to Small Perturbations C. Guianvarc'h (LNE-INM/Cnam)	15:40 16:00
The Spanish Acoustic Resonator, On the Road D. Vega (UV), D. del Campo (CEM)	16:05 16:25
Quasisphere Volume Measurement: Progress and Plans M. de Podesta (NPL)	16:30 16:50
Progress Towards an Acoustic/Microwave Determination of the Boltzmann Constant at LNE-INM/CNAM L. Pitre (LNE-INM/Cnam)	16:55 17:25
End	17:30