



WORKSHOP ON THERMOPHYSICAL PROPERTIES IDENTIFICATION



OCTOBER 28, 2003
CENTRO DE TECNOLOGIA, UFRJ
SALA G-122

- 9:00 OPENING SESSION**
- 9:15 LABORATORY OF THERMAL METROLOGY PROF. ROBERTO DE SOUZA**
Prof. Renato M. Cotta and Prof. Helcio R. B. Orlande (PEM/COPPE/UFRJ)
- 9:45 THERMAL METROLOGY IN BRAZIL**
Dr. Paulo Roberto da Fonseca Santos (INMETRO)
- 10:15 COFFEE-BREAK**
- 10:30 STANDARDIZATION OF MATERIAL PROPERTIES IDENTIFICATION IN BRAZIL**
Dr. Jorge Cruz and Dr. Sérgio de Oliveira (INMETRO)
- 11:00 STANDARDIZATION OF THE FLASH METHOD IN BRAZIL**
Dr. Paulo Couto and Dr. Cláudio Costa (PEM/COPPE/UFRJ)
- 11:30 THE LFA 447 NANOFLASH - INSTRUMENT AND APPLICATION**
Dr. Juergen Blumm (NETZSCH)
- 12:15 – 13:30 LUNCH**
- 13:30 METHODS OF THERMOPHYSICAL PROPERTIES CHARACTERIZATION**
Dr. Juergen Blumm (NETZSCH)
- 14:15 INVERSE PROBLEMS FOR THE IDENTIFICATION OF THERMOPHYSICAL PROPERTIES**
Prof. Helcio R. B. Orlande (PEM/COPPE/UFRJ)
- 14:45 HOMOGENEIZATION TECHNIQUES FOR THE PREDICTION OF THERMOPHYSICAL PROPERTIES OF NON-HOMOGENEOUS MATERIALS**
Prof. Manuel Cruz (PEM/COPPE/UFRJ) and Dr. Carlos Frederico Matt (CEPEL)
- 15:15 PROCESSING OF LIGHT CERAMIC BLOCKS FROM CAULINITIC CLAYS**
M. C. R. Ambrósio (PEMM/COPPE/UFRJ), Prof. F. T. Silva (PEMM/COPPE/UFRJ) and Dr. J. Dualibi (INT)
- 15:45 COFFEE-BREAK**
- 16:00 INTRODUCTION IN THERMAL ANALYSIS, METHODS AND APPLICATION EXAMPLES IN THE FIELDS OF HIGH-TEMPERATURE DSC**
Dr. Elisabeth Kaspch (NETZSCH)
- 16:45 IDENTIFICATION OF RADIATIVE PROPERTIES OF MATERIALS AT HIGH TEMPERATURES**
Dr. Nerbe Ruberti Jr. (CNEN) and Mr. Olivier Wellele (PEM/COPPE/UFRJ)
- 17:15 APPLICATIONS OF THE FLASH METHOD IN THE HIGH-TEMPERATURE REGION**
Dr. Juergen Blumm, NETZSCH
- 18:00 CLOSING SESSION**

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