

TriboBR

24th to 26th - November 2010

Rio Othon Palace Hotel - Copacabana
Rio de Janeiro - RJ - Brazil

First International Brazilian Conference on Tribology TriboBr-2010

ITS - IFToMM 2010 - 2nd International Tribology Symposium of IFToMM

Tribology has experienced substantial development and increased interest in recent years in Brazil. In order to organise and make continue the Brazilian activities in Tribology, a Tribology Technical Division was created within the Associação Brasileira de Metalurgia, Materiais e Mineração-ABM [Brazilian Association for Metallurgy, Materials and Mining], a 65 years old, prestigious, Brazilian association. In order to celebrate such a creation, ABM is organizing the First International Brazilian Conference on Tribology, TriboBr-2010.

The scope of this multidisciplinary Conference will embrace state of art and future trends in tribology research and application. It will also provide an international forum for researchers and practitioners to exchange information, present new developments, establish new international personal networks and discuss the future directions and priorities of tribology. In particular, the generation and conservation of energy, the reduction of friction and wear and the preservation of the environment are of special concern therefore contributing to innovation in the 21st Century and to the sustainable growth of society.

CONFIRMED PLENARY SPEAKERS

- **Innovative Design Concepts in Surface Engineering for Advanced Tribological Applications**
Dr. Ali Erdemir - Argonne National Laboratory, Argonne National Laboratory, USA
- **Boundary lubrication; history and recent developments**
Prof. Hugh Spikes, Imperial College, UK
- **Tribochemical reactions revisited** - Prof. Jean Michel Martin, Ecole Centrale de Lyon, France
- **Advanced materials and surface design for tribological loaded components** - Prof. Karl-Heinz zum Gahr, University of Karlsruhe, Germany
- **Coated Surface Wear Prediction by Computer Modelling**
Prof. Kenneth Holmberg - VTT, Finland
- **Resistance to abrasive wear – fundamental and practical aspects** - Prof. Staffan Jacobson, Uppsala University, Sweden

COORDINATOR

Prof. José Daniel Biasoli de Mello - Chair - UFU
Prof. Amilton Sinatora - Co-Chair - USP

FURTHER INFORMATION

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