



Sociedade Brasileira de
Pesquisa em Materiais

INNOVATION AND TECHNOLOGY TRANSFER SYMPOSIUM

SCOPE OF THE SYMPOSIUM

The main goal of this Symposium is to establish a dialogue between the needs of industry and the research of academic sphere, and it represents a platform for efficient transfer of knowledge from research institutions to industry. This symposium will explore case studies, proposals and initiative intended to do this through the lens of a materials science & engineering innovator-entrepreneur and academia-industry-government. It will also explore the initiatives that are necessary to position more university innovations for effective partnering and commercialization to translate early stage discoveries into jobs and products. We will also conduct a round table to bring together scientists, engineers, students, suppliers and more to discuss current/future researches and technical applications, where experts from industry, government and academia meet and share information.

TARGET AUDIENCE

- Students;
- Scientists;
- University leaders;
- R&D managers and staff;
- Intellectual property professionals;
- Business executives responsible for R&D and technology policy;
- Technology focused governmental.



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SESSION TOPICS (BUT NOT LIMITED TO)

The Symposium is relevant to several critical technologies, which impact key markets, such as

- Materials processing technology and product manufacturing;
- Petrochemistry and petrochemical industry;
- Micro/Nano materials and technology;
- Energy Generation/Storage Devices/Systems;
- Biomedical Devices/Systems;
- Materials-environment interactions;
- Green manufacturing and sustainability;
- Academic and industry innovation case studies;
- Design and models of technology transfer;

LIST OF INVITED SPEAKERS

- Start ups, companies and engineering industries focused on materials science (such as 3M, BASF, Embraer, Petrobras, Samarco, Vale, Votorantin etc.)
- C. Paz de Araujo, University of Colorado at Colorado Springs and Symetrix Corporation, USA
- J.A. Carlisle, Advanced Diamond Technologies, USA
- O. Auciello, University of Texas at Dallas and Original Biomedical Implants, USA
- D. Ho, University of California at Los Angeles, USA
- R. Zysler, Centro Atómico Bariloche, CONACIT, Argentina
- P. Gurman, University of Texas-Dallas, USA
- Angel and VC Investors from Brazil



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ROUND TABLE

Discussion on Scientific Entrepreneurship Addressing all Related Issues for Technology Innovation and Translation to Market:

- Obtaining Funding from Government and Private Industry for R&D to Develop Products
- Obtaining Funding from Angels and VC Investors
- How to set up an Start-up: Incorporation vs. LLC
- Regulations for Start-ups (Taxes, Health Coverage)
- Marketing Strategies

SYMPOSIUM ORGANIZERS

- **Prof. Dr. Rodrigo Fernando Bianchi**
Office of Intellectual Property, entrepreneurship and technology transfer – Federal University of Ouro Preto (UFOP)
- **Prof. Dr. André Anvelino Pasa**
Federal University of Santa Catarina (UFSC)
- **Prof. Dr. Antonio José Felix de Carvalho**
University of São Paulo (USP)
- **Prof. Dr. Orlando Auciello**
Past President of Materials Research Society (MRS Society)
- **Dr. Ricardo Magnani**
Project Manager at Association for Research, Development and Engineering of Innovative Companies (ANPEI)
- **Prof. Dr. Roberto Mendonça Faria**
University of São Paulo (USP)