



II SEMINÁRIO BRASIL • TURQUIA DE NANOTECNOLOGIA

II Brazil • Turkey Nanotechnology Seminar

Workshop Program Day 1: December 1st, Tuesday

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| 08:15 – 09:00 - Reception | <i>In Vitro Analysis of SPION Conjugated with Folic Acid and Quercetin on Cancer Cell Lines.</i> |
| 09:00 – 09:15 – Welcoming by Prof. Dr. Klaus Capelle, Rector of UFABC. | 14:30 – 15:00 – Oral presentation (Sadık Güner, Fatih University) |
| 09:15 – 09:30 – Welcoming by Prof. Dr. Rossana Valéria de Souza e Silva, Executive Director of GCUB. | <i>The Physical Properties of Co+ implanted and Al doped ZnO Thin Films</i> |
| 09:30 - 09:45 – Welcoming by Dr. Mustafa Göktepe, president of Brazil-Turkey Cultural Center | 15:00 – 15:30 - Oral presentation (Rosana Anita da Silva Fonseca, University of Pernambuco) |
| 09:45 – 10:15 – Welcoming by Prof. Ayhan Bozkurt, Vice-Rector Fatih University. | <i>The electrochemical Genoassay Nanomagneto for the Maize Endogenous Hmga Gene Detection</i> |
| <i>Researches at Bionanotechnology at Fatih University</i> | 15:30 – 16:00 – Oral presentation (Nelson Durán, University of Campinas) |
| 10:15 – 10:45 – Oral presentation (Ricardo Meurer Papaléo, PUCRS) | 16:00 – 16:30 – Coffee break |
| <i>Nanoscience and nanotechnology at PUC Rio Grande do Sul</i> | 16:30 – 17:00 – Oral presentation (Sadık Kara, Fatih University) |
| 10:45 – 11:15 - Coffee break | <i>History And Progress Of Biomedical Engineering</i> |
| 11:15 – 11:45 - Oral presentation (José Antonio Souza, Federal University of ABC) | 17:00 – 17:30 – Oral presentation (Sérgio Cava, Federal University of Pelotas). |
| <i>Hierarchically structured nanowires on and nanosticks in ZnO microtubes and more</i> | <i>Nanotechnology in UFPel: Development and applications of multifunctional materials.</i> |
| 11:45 – 12:30 – Debate (questions and discussion) | 17:30 – 18:00 – Debate (questions and discussion) |
| 12:30 – 14:00 - Lunch | |
| 14:00 – 14:30 – Oral presentation (Lokman Alpsoy, Fatih University) | |

Workshop Program Day 2: December 2nd, Wednesday

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| 09:00 – 09:30 – Oral presentation (Orlando David Henrique Dos Santos, Federal University of Ouro Preto) | 09:30 – 10:00 – Oral presentation (Mehmet Burak Yilmaz, Fatih University) |
| <i>Overview of nanobiotechnology projects in Universidade Federal de Ouro Preto</i> | <i>Graphene - Grapheneoxide hybrid structures via wet chemistry</i> |



10:00 – 10:30 – Oral presentation (Sibele Berenice Castella Pergher, Universidade Federal do Rio Grande do Norte)
Research on Development of Nanotechnology in UFRN

10:30 – 11:00 – Coffee Break

11:00 – 11:30 – Oral presentation (Bakytzhan Bakhautdin, Fatih University)
Resistive switching in nanodevices

11:30 – 12:30 – Debate (questions and discussion)

12:30 – 14:00 – Lunch

14:00 – 14:30 - Oral presentation (Cesar Franco, Federal University of Santa Catarina)
The role of the interdisciplinary laboratory for the development of nanostructures to meet the industry's technological and innovative demands.

14:30 – 15:00 – Oral presentation (Carlos Eduardo Cava, Technological Federal University of Paraná)
Flexible and Transparent Electrodes Using Nanomaterials.

15:00 – 15:30 – Oral presentation Oral Presentation (Yakup Bakış, Fatih University)

15:30 – 16:00 – Oral presentation (Gustavo Martini Dalpian, Federal University of ABC)
Research Activities at MackGraphe

16:00 – 16:30 – Coffee break

16:30 – 17:00 – Oral presentation (Christiano de Matos, Mackenzie Presbyterian University)
Raman spectroscopy and symmetry analysis for phonons in two-dimensional materials

17:00 – 17:30 – Oral presentation (Jenaina Ribeiro Soares - Federal University of Lavras)
Resistive switching in nanodevices

17:30 – 18:00 – Oral presentation (Alexandre Reily Rocha, State University of São Paulo)

20:00 – 22:00 – Dinner promoted by the Brazil-Turkey Cultural Center (CCBT)
 At: Rua Comendador Elias Zarzur 537, Alto da Boa Vista – São Paulo

Workshop Program Day 3: December 3rd, Thursday

9:00 – 10h00 – Oral presentations

Prof^a. Seila Rojas de Souza, Federal University of Grande Dourados

Thermoluminescence of solids

Prof^o. Sérgio Humberto, Mackenzie Presbyterian University

Multifunctional Graphene-Based Materials

Prof^a. Sara Dafé, PUC-Minas

Materials & Manufacturing: Department of Mechanical Engineering (PUC-Minas)

Prof^o. Najeh Maissar Khalil, Midwest State University

Polymeric nanoparticles in drug delivery

10:00 – 11h00 – Debate (questions and discussion)

11:00 – 11:30 – Coffee Break

11:30 – 12:30 – Round-table: “Strengthening collaboration between Brazil and Turkey”

12:30 – 14:00 – Lunch

15:00 – 17:00 – Visit to the UFABC campus at São Bernardo do Campo

