

BIOTECHNOLOGY A CHALLENGE FOR A CHANGE SYMPOSIUM



Start Date: 20/07/2009

End Date: 20/07/2009

Location: Anfiteatro Verde; Faculdade de Ciências da Saúde; Universidade da Beira Interior, Covilhã -Portugal

Organizers: Prof. Dr. João Queiroz; Prof^a Dra. Ana Paula Duarte; Prof. Dr. Paulo Almeida and Prof^a Dra Atika Oudia (BME).

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GENERAL INFORMATION

On behalf of the Organizing and Scientific Committee, we are pleased to invite you to attend a Symposium on Biotechnology, which will be held on 20th of July 2009 in Faculdade de Ciências da Saúde; Universidade da Beira Interior, Covilhã –Portugal.

The Symposium will include oral sessions covering the latest findings evolutionary in Green and white biotechnology. The talks will be given by invited speakers from department of Chemistry and Biochemistry at Georgia Tech. Atlanta-USA



Professor Arthur Ragauskas holds the Fulbright Distinguished Chair in Alternative Energy and is a Fellow of the International Academy of Wood Science and TAPPI at Georgia Institute of Technology, Atlanta-USA. Ragauskas has published +220 papers, patents and conference proceedings. He is an Associate Editor for Biofuels, Bioproducts and Biorefining, BioEnergy Research, Industrial Biotechnology, J. Pulp and Paper Science, Holzforschung, Taiwan Journal of Forest Service, J. Wood Chemistry and Technology and has served on several advisory boards and review panels, including: European Commission Research Directorate, National Science Academy, J. Paul Getty Trust, NSF, USDA, DOE, NSERC, Swedish Foundation for Strategic Research, Swedish VINN Excellence Center, VTT Technical Research Centre of Finland, and Finnish Academy of Science. Ragauskas has been an invited visiting professor at Universidade da Beira Interior, Portugal; Chalmers University of Technology, Sweden; Royal Institute of Technology/STFi, Stockholm, Sweden and South China University of Technology, China. He received his Ph.D. from the University of Western Ontario in 1985 as a National Science and Engineering Research Council of Canada Doctoral Fellow.

Oral Presentations

09:00-09:45. Transforming the Forest Products Industry; **Dr. Arthur Ragauskas.**

09:45-10:15. Research Initiatives and Student Academic Programs in the School of Chemistry and Biochemistry at Georgia Tech; **Dr. Cameron Tyson.**

10:20-10:40. Structural Studies of Photosystem II: Electron Crystallography and Characterization of a Novel Chromophore; **Ms. Tina Dreaden.**

10:45-11:00. Coffee break

11:00-11:20. Spectroscopy and Applications of Novel Green Fluorescent Protein Chromophore Analogs; **Mr. Anthony Baldrige.**

11:25-11:45. Woody Synthesis and Characterization of Regioregular, Amphiphilic Poly(1,4-phenylene ethynylene)s; **Ms. Kathy.**

11:50-12:15. FT-IR and Quantum Cascade Laser Based Trace Gas Sensors; **Ms. Christina Young.**

14:00- 14:40. Research at UBI; **Dr. Ana Paula Duarte.**

14:45-16:00. Discussions and visit of UBI facilities.