



## XVI International Biodeterioration and Biodegradation Symposium

3 - 5 September, 2014, Lodz, POLAND

Conference place: Expo Hall, Łódź, Al. Politechniki 4

### Organizers:

- Lodz University of Technology, Faculty of Biotechnology and Food Sciences Institute of Fermentation Technology and Microbiology
- University of Lodz, Faculty of Biology and Environmental Protection, Department of Industrial Microbiology and Biotechnology
- Central Institute for Labour Protection-National Research Institute, Biohazard Laboratory, Department of Chemical, Aerosol and Biological Hazards, Warsaw
- Cracow University of Economics, Department of Microbiology

### Programme

**3<sup>rd</sup> September 2014** - Welcome and opening ceremony

The following 12 oral sessions with presentation and discussion will be provided:

#### **3<sup>rd</sup> September 2014**

- Session 01: **'Microbiologically Influenced Corrosion'**, chairperson: Iwona Beech  
Session 02: **'Biofilms and Biofouling'**, chairperson: Christine C. Gaylarde,  
plenary lecture: *'Biofilms on Building Materials'* by Christine C. Gaylarde  
Session 03: **'Biodeterioration and Biodegradation of Wood and Wood Products'**, chairperson: Goeffrey Daniel  
Session 04: **'Biodeterioration and Biodegradation of Polymeric Materials'**, chairperson: Geoff Robson,  
plenary lecture: *'Biodegradation of Plastics in Composting Systems'* by Geoff Robson

#### **4<sup>th</sup> September 2014**

- Session 05: **'Biodegradation of Cultural Heritage'**, chairperson: Katja Sterflinger,  
plenary lecture: *'Microbes, Art and Conservation, a Winning Game?'* by Katja Sterflinger  
Session 06: **'Microorganisms and the Quality of Life'**, chairperson: Jimmy Walker,  
plenary lecture: *'Microorganisms and the Quality of Water'*  
Session 07: **'Biotransformation and Biodegradation of Hazardous Compounds'**, chairperson: Jerzy Długoński,  
plenary lecture: *'Microbial Metal and Mineral Biotransformations'*- by Geoffrey M. Gadd  
Session 08: **'Biodegradation and Bioremediation of Persistent Pollutants'**, chairperson: Katerina Demnerova,  
plenary lecture: *'Recent Advances on the Biphenyl Catabolic Pathway and its Involvement in PCB Rishoremediation'* by Michel Sylvestre

#### **5<sup>th</sup> September 2014**

- Session 09: **'Biodiversity of Organisms involved in Biodeterioration, Biodegradation and Bioremediation'**,  
chairperson: Joe Suflita,  
plenary lecture *'Steel Corrosion and Fuel Stability: Are Biofuels Really Green?'* by Joseph Suflita

- Session 10: **'Strategic views of Economic, Regulatory Affairs, Forensic Studies and Regional Development in Biodeterioration'**, chairperson: Dennis Allsopp,  
plenary lecture *'Biodeterioration - Past, Present and Future Paths and Challenges'* by Dennis Allsopp
- Session 11: **'Protection against Biodeterioration Process'**, chairperson: Glynn Morton
- Session 12: **'Biodegradation in Environmental Protection'**, chairperson: Laurence R. Weatherley

**Other lectures provided:**

- 'New Methods for the Study of Aerial Biofilms'* - by Jan Sunner (session 2)
- 'Marine Biofilms'* - by Claire Hellio (session 2)
- 'Biodegradation of Agricultural Plastics'* - by Demetres Briassoulis (session 2)
- 'Impact and Fate of Marine Plastics'* - by Mark Osborne (session 2)
- 'Aromatic Pollutants-Degrading Bacteria in Contaminated Environments'* - by Katerina Demnerova (session 8)
- 'Application of Phytoremediation for the Treatment of Persistent Pollutants in Soil'* – by David Dowling (session 8)
- 'AromaDeg, a Powerful Database to Explore Aerobic Bacterial Degradation of Aromatics'* - by Marcia Duarte (session 8)
- 'Geomycology: Fungal Processes in Metal and Mineral Biodeterioration'* - by Geoff Gadd (session 9)
- 'Methods Used in Studying Biodeterioration of Polymeric Materials'* - by Ji-Dong Gu (session 9)
- 'Development of Biodeterioration Studies in South America'* - by Christine Gaylarde (session 10)
- 'Regulatory Influences in the Chemical Control of Biodeterioration'* – by John Gillatt and Ken Seal (session 10)
- 'Overview of Biodegradation Development'*

Together with the conference films and exhibition will be presented, and also **Proteomics Workshops** will be organised (both on 3 and 4 september).

**Committees**

- **International Biodegradation and Biodeterioration Society:** Geoff Robson, Christine C. Gaylarde, John Gillatt, Jeremy Webb, Lawrence Staniforth, Diego A. Moreno, Kathryn Whitehead, Jimmy Walker, Malcolm Greenhalgh, Asunción de los Ríos, Katja Sterflinger, Joanna Verran, Robert Koestler
- **Preliminary speakers:** Iwona Beech, Christine C. Gaylarde, Geoffrey Daniel, Geoff Robson, Katja Sterflinger, Jimmy Walker, Jerzy Długoński, Katerina Demnerova, Joe Sufliata, Dennis Allsopp, Glyn Morton, Laurence Weatherley

**Organizing Committees**

- **Lodz University of Technology, Faculty of Biotechnology and Food Sciences Institute of Fermentation Technology and Microbiology, Lodz,** Beata Gutarowska
- **University of Lodz, Faculty of Biology and Environmental Protection, Department of Industrial Microbiology and Biotechnology, Lodz,** Jerzy Długoński
- **Central Institute for Labour Protection-National Research Institute, Biohazard Laboratory, Department of Chemical, Aerosol and Biological Hazards, Warsaw,** Rafał L. Górny
- **Cracow University of Economics, Department of Microbiology, Cracow,** Barbara Błyskal
- **Centre of Sustainable Development, Lodz,** Zbigniew Tynensko, Teresa Adamska

**Contact:**

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**About workshop:** E-mail: rszewcz@biol.uni.lodz.pl (Dr. Rafal Szewczyk)