



Symposium P : Polysaccharide-based Materials

Scope of the Symposium

Materials based on polysaccharides, such as films; composites; membranes; gels; biomedical materials; sensors, among others, have aroused great interest in recent times. They are prepared from renewable sources and can significantly contribute to advancing the circular bioeconomy. It is intended to address current and relevant topics inserted in Polysaccharide-based materials, involving researchers from Brazil and several other countries, which can lead to new collaborations in research and to the advancement of the theme. Researchers linked to the important "European Polysaccharide Network of Excellence" (EPNOE) are on the Organizing Committee, which could significantly contribute to the success of this proposal.

Abstracts will be solicited in (but not limited to) the following areas

- *Films; Composites; Membranes; Gels; Biomedical materials; Additive manufacturing; Sensors; Polysaccharide materials - miscellaneous*

Tentative list of invited speakers (To be confirmed)

Oswaldo Novais de Oliveira Junior (*Physics Institute of São Carlos, University of São Paulo, Sao Carlos, Brazil*) **Luiz Henrique Capparelli Mattoso** (*Brazilian Agricultural Research Corporation (EMBRAPA Instrumentation)*) **Edvani Curti Muniz** (*Piauí Federal University*) **Mario Tyago Murakami** (*Brazilian Center for Research in Energy and Materials (CNPEM), Brazilian Biosciences National Laboratory(LNBio)*) **Pedro Fardim** (*European Polysaccharide Network of Excellence (President), Katholieke Universiteit Leuven (KU - KLeuven), Belgium*) **Carmen S. R. Freire** (*European Polysaccharide Network of Excellence (Vice-President Conferences and Workshops), CICECO/Department of Chemistry-University of Aveiro, Portugal*) **Karin Stana Kleinschek** (*European Polysaccharide Network of Excellence (Vice-President Research), Graz University of Technology, Institute of Chemistry and Technology of Biobased Systems, Austria*) **Rupert Kargl** (*Graz University of Technology, Institute of Chemistry and Technology of Biobased Systems*) **Lúcia H. I. Mei** (*School of Chemical Engineering - University of Campinas*) .

Symposium Organizers

Elisabete Frollini (*São Carlos Chemistry Institute, University of Sao Paulo, European Polysaccharide Network of Excellence (Ambassador in Brazil)*) **Sérgio Paulo Campana-Filho** (*São Carlos Chemistry Institute, University of Sao Paulo*) **Pedro Fardim** (*European Polysaccharide Network of Excellence (President), Katholieke Universiteit Leuven (KU - KLeuven), Belgium*) **Carmen S. R. Freire** (*European Polysaccharide Network of Excellence (Vice-President Conferences and Workshops), CICECO/Department of Chemistry-University of Aveiro, Portugal*) **Karin Stana Kleinschek** (*European Polysaccharide Network of Excellence (Vice-President Research), Graz University of Technology, Institute of Chemistry and Technology of Biobased Systems, Austria*) **Laura Nyström** (*European Polysaccharide Network of Excellence (Vice-President Membership and Awards), ETH Zurich, Department of Health Science and Technology, Germany*) .

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