

Symposium 2013

Description

Breaking Down Cellulose Fibres to Create High Value Products (2013)

Lectures given at the 2013 Marcus Wallenberg Prize Symposium held in Stockholm on 24 September, 2013

Moderator: Mr. Ulf Wickbom

Welcome and Opening Remarks

Professor Göran Sandberg, Knut and Alice Wallenberg Foundation, Stockholm, Sweden.
Member of the Board of the Marcus Wallenberg Foundation

Introduction

Professor Johanna Buchert, VTT, Member of the Prize Selection Committee

Evolution and Potential Uses of Nanocrystalline Cellulose

Professor Derek G. Gray, Recipient of the 2013 Marcus Wallenberg Prize McGill University, Department of Chemistry, Montréal, Quebec, Canada

Production and Processing of NCC

Dr. Richard Berry, Vice President and CTO, CelluForce Inc., Montréal, Quebec, Canada

Nanocelluloses for Templates for Functional Matter

Professor Olli Ikkala, Helsinki University of Technology/Aalto University, Espoo, Finland

Requirements on the Cellulose Fibres from the Composite Industry

Professor Jan-Anders Månson, Ecole Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland

Safety Assessment of Engineered Nanomaterials: Revisiting the Pathogenic Fibre Paradigm

Professor Bengt Fadeel, Head of Division of Molecular Toxicology, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden

What is the Future for Nanotechnology in the Forest Industry?

Professor Tom Lindström, KTH Royal Institute of Technology/Innventia, Stockholm, Sweden

Panel Discussion