

## 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**