

Symposium 2018

## **Description**

# **Growing the Future – Forests and Nitrogen**

**Lectures given at the 2018 Marcus Wallenberg Prize Symposium held in Stockholm on 25 September 2018.**

Moderator: Prof. Daniel Binkley, Member of the Prize Selection Committee, Northern Arizona University, USA

**Welcome and Opening Remarks – Mr. Marcus Wallenberg, Chairman of the Marcus Wallenberg Foundation**

**Introduction/Overview – Prof. Daniel Binkley, Member of the Prize Selection Committee, Northern Arizona University, USA**

**Nitrogen and Carbon Dynamics in Forests: Sharing, Trading or Simple Metabolic Constraints?**

Prof. Cindy Prescott, University of British Columbia, Vancouver, Canada

**Belowground Connections: Soil Nitrogen, Mycorrhizal Fungi and Tree Roots**

Prof. Heljä-Sisko Helmisaari, University of Helsinki, Department of Forest Sciences, Helsinki, Finland

**Organic Nitrogen: The Missing Majority in Tree Nutrition**

Prof. Torgny NÅrsholm, Recipient of the 2018 Marcus Wallenberg Prize, Swedish University of Agricultural Sciences, UmeÅ, Sweden

**Nitrogen in Tree Nurseries**

Mrs. Yvonne Hedman Nordlander, CEO, Bergvik Skog Plantor AB, Falun, Sweden

**Putting Nitrogen to Work: Forest Fertilization and Growth**

Prof. Rachel Cook, North Carolina State University, Raleigh, USA

**New Perspectives on Nitrogen in Forest Ecology and Management**

Prof. Peter HÅgberg, Swedish University of Agricultural Sciences, UmeÅ, Sweden

**Questions and Answers – Speakers interact with the audience**

Moderated by Prof. Daniel Binkley