

## **10.00 – 11.00 : Next Generation Pulp Fibres**

**10.00**      **Treesearch Industrial Postdoc Program**

Jenny Joensuu, Treesearch  
Daniel Söderberg, Treesearch

**10.10**      **Macro-and microscopic deformability of fiber networks  
made from softwood fibres**

Gustav Lindberg, KTH  
Johan Lindgren, Holmen

**10.25**      **Multifunctional fibres for different end-use applications**

Göksu Cinar Ciftcier, KTH  
Kent Malmgren, SCA

**10.40**      **Methodologies providing new insights into the fundamentals  
of the pulping process**

Kornelia Gordeyeva  
Harald Brelid, Södra

**10.55**      **Questions**

All



## 11.10 – 12.15 : Lignocellulosic Thermoplastics

### 11.10 Treesearch Postdoc Program

Jenny Joensuu, Treesearch

### 11.15 Fibre/Fibril reinforces thermoplastic composites

Michael Reid, KTH  
Emma Östmark, Stora Enso

### 11.30 Processability of modified fibres for complex shaped parts

Unravelling structure-property relationships of cellulose-polymer nanocomposites: Molecular Dynamics simulations

Scale-up of sustainable production of dialdehyde cellulose and dialcohol cellulose

(joint presentation)

TBD, Tetra Pak  
Emile Engel, KTH  
Aleksandar Mehandzhiyski, LiU  
Niklas Kvarnlöf, BillerudKorsnäs  
Nazmun Sultana, Chalmers

### 12.00 Questions

All



## **13.15 – 14.30 : Lignocellulosic Energy Applications**

**13.15**      **TreeSearch Industrial Postdoc Program**

Jenny Joensuu, TreeSearch

**13.30**      **Paper-based aluminium ion batteries**

Shahrzad Arshadi Rastabi, Mittuniversitetet  
Martin Häggblom, Neste

**13.45**      **Sustainable Carbon Monoliths for Energy Storage**

Glaydson Simões Dos Reis, SLU  
Jörg Brücher, Holmen

**14.00**      **Questions**  
**Summary of the day and program**

All  
Jenny Joensuu, TreeSearch

