**Monday June 21**

13:00   Welcome and introduction  
Eva Malmström, Center Director

13:10   WWSC Program 1  
Lisbeth Olsson, Chalmers, Program manager

13:15   Bioconversion of lignin derived aromatics compounds into platform chemicals  
Ronald de Vries, Utrecht University, The Netherlands

13:45   Towards a diversified forest biorefinery – enzymatic release of suberin-derived fatty acids from tree bark  
Vera Novy, Chalmers

14:00   Structural studies of plant cell walls using neutron scattering techniques  
Hugh O’Neill, Oak Ridge National Laboratory, USA

14:30   Break

14:45   Electro-assisted dewatering of nanofibrillated cellulose  
Nabin Kumar Karna, Chalmers

15:00   Lignin valorization through integrated process modeling, chemical catalysis, material science, metabolic engineering, and separations research  
Gregg Beckham, National Renewable Energy Laboratory, USA

15:30   WWSC Program 4  
Magnus Berggren, LiU, Program manager
15:40    Toward more ‘green’ and sustainable routes to photo-/electro-active polymers  
        Eric Cloutet, CNRS, Bordeaux

16:10   Break

16:20   Cellfion – bio-based membranes for electrochemical applications  
        Liam Hardey and Johan Erlandsson, Cellfion

16:40   Cellulose passive radiative coolers  
        Debashree Banerjee, LiU

16:50   Wood-based materials for next generation batteries  
        Shizhao Xiong, Chalmers

17:00   Electrically conducting cellulose yarns for e-textiles  
        Sozan Darabi, Chalmers

17:10   End of day 1

Tuesday June 22

09:00   WWSC Program 3  
        Lars Wågberg, KTH, Program manager

09:15   Cholesteric nanocolloidal liquid crystals under confinement  
        Eugenia Kumacheva, University of Toronto, Canada

09:50   Use of flow-stop measurements for CNF characterization  
        Tomas Rosén, KTH

10:05   Nanocellulose opportunity for lithium ion batteries and beyond  
        Sang-Young Lee, Yonsei University, South Korea

10:40   Break

10:55   2D materials in biocomposites  
        Weiqian Tian, KTH
11:10  Nanoengineering with nanocellulose to create new materials  
Gustav Nyström, EMPA, Switzerland

11:45  Low-density networks of CNFs with biofunctionality  
Göksu Cinar Ciftsi, KTH

12:00  Lunch Break

13:00  WWSC Program 2  
Eva Malmström, KTH, Program manager

13:05  Levulinic acid as a precursor for polymers  
Remzi Becer, University of Warwick, UK

13:25  Bark – the trees’ chemical factory  
Barbara Rietzler, KTH

13:35  Carbon dot-triggered degradation of cellulose acetate  
Nisha Yadav, KTH

13:45  Synthetic carbohydrate-based materials  
Martina Delbianco, Max-Planck Potsdam, Germany

14:05  Chemical functionalization as a tool for biomass depolymerisation and new chemical creation  
Jeremy Luterbacher, EPFL Switzerland

14:25  Break

14:35  Aliphatic polyester copolymers for tomorrow’s sustainable materials  
Marc Hillmyer, University of Minnesota, USA

15:05  WWSC Academy  
Paul Gatenholm, Graduate school Director WWSC Academy

15:10  Pitch session  
WWSC PhD students

16:05  Change to the platform Gatherly

16:10  Poster sessions

18.10  End of day 2
Wednesday June 23

09:00  WWSC Program 5  
Lars Berglund, KTH, Program manager

09:10  Wood cell wall ultrastructure  
Lloyd Donaldson, Scion, New Zealand

09:50  Tempo-oxidized CNF and related materials  
Tsugu Saito, University of Tokyo, Japan

10:30  Break

10:40  Photonic cellulose nanocrystal films  
Silvia Vignolini, Cambridge University, UK

11:20  Opportunities for nanofibrillated cellulose in stretchable electronics  
Klas Tybrandt, LiU

12:00  Concluding remarks

12:10  End of day 3