

## BIOREGS SUMMER SEMINAR 2011

Naantali Spa

7-8.6.2011

### PROGRAMME

#### 7.6. Tuesday

10.30 Arrival, coffee, welcome

11.00 Lars Berglund, Sweden, "Wood-based cellulose nanofiber networks - potential function in nanostructured composite materials"

12.00 Lunch

13.00 Laura Taajamaa, Aalto University, "Ultrathin blend films and porous fibers from trimethylsilyl cellulose and cellulose triacetate"

13.20 Oscar Spåre, Aalto University, "PVA/NFC Nanocomposites"

13.40 Anna Olszewska, Aalto University, "Biomimetic self-assembly of charged native nanocellulose fibers and block copolymers"

14.00 Coffee

14.30 Group work, students

15.00 Meetings NK/JORY, Students group work continues

16.30 Poster session, wine & snacks

18.00 Dinner

- 23.00 Students' entertainments (Free use of the sauna and pool paradise → 21.00)

## 8.6. Wednesday

7.00 – 9.00 Breakfast

9.00 Jens Krogell, Åbo Akademi University, “Intensified hot water extraction of hemicelluloses from spruce wood with stirring”

9.20 Paavo Penttilä, University of Helsinki, “Structurally limiting factors of enzymatic hydrolysis of cellulose”

9.40 Arja-Helena Vesterinen, Aalto University, “Use of amphiphilic polymers containing poly([2-(methacryloyloxy)ethyl] trimethyl ammonium iodide) in wood fiber applications”

10.00 Coffee

10.30 Satu Kirjoranta, University of Helsinki, “Preparation of solid biomaterial-based foams by extrusion”

10.50 Discussion on group work

11.20 Summary, conclusions

11.30 Suvi Innilä, Presentation of Turku, the European Capital of Culture 2011

12.30 Lunch

13.30 End of the seminar

14.00 Bus to Turku, Espoo and Helsinki

## Bus transportations (Ventoniemi Oy)

7.6. 7.30 from Viikki Latokartanonkaari 11 (parking place)

8.00 from Otaniemi, Tietotie 2

~ 10.00 from Turku, Porthaninkatu 3

8.6 14.00 from Naantali

14.30 in Turku

16.30 in Otaniemi

17.00 in Viikki

**WELCOME!**