COST Action FP1105: Agenda for Coimbra Meeting in May 2014

8th of May 2014

08:30 - 09:00  Registration (attendance list signature).

09:00 - 09:30  Welcome and Introduction to the workshop by the Action chair, Philip Turner

09:30 - 10:00  Presentation from the host:

- Prof. Jorge Manuel Rocha (head of the Department of Chemical Engineering).
- Prof. Graça Rasteiro
- Prof. Jorge Canhoto

10:00 - 12:00  4 Presentations (20mins + 10mins)
   Session chair: Tomas Larsson

10:00 - 10:30  Edouard Pesquet: *Non-Cell Autonomous Post-Mortem Lignification Of Xylem Vessels*

10:30 - 11:00  Tom Lindström: *The emergence of commercial nanocellulose applications-on overview of the state of the art*

11:00 - 11:30  Cristina Marques: *Eucalyptus globulus breeding*

11:30 - 12:00  Tomas Larsson: *The Latest Developments On Cellulose Structure & Reactivity*

12:00 - 12:30  Coffee Break
12:30 - 13:00 Poster presentations (6)

Costa, Guy: Microwave ionic liquid activation coupled with mAb macroarray detection as a rapid and easy tool kit for polysaccharides analysis.

Fernando, Dinesh: Morphological Ultrastructural Characteristics Of Fines Fraction Produced During Hc And Lc Refining Of Tmp For Fundamental Understanding Of Property Development.


Latifi, Kouros: Sample Preparation For Measurement Of Fibre- Fibre Wet Friction

Urruzola, Iñaki: Reinforcement paper with nanofibers using eucalyptus pulp as raw material

Valchev, Ivo: Influence Of The Lignocellulosic Structure On The Kinetic Model Of Enzymatic Hydrolysis

13:00 - 14:00 Buffet lunch & poster session

14:00 - 14:30 Poster presentations (6)

Aguie, Veronique: Designed lignocellulose-based films for tunable physico-chemical and spectral properties

Dizbite, Tatiana: Elucidation Of Influence Of Wood Derived Phenylpropanoids Structure Features On Their Antioxydant Activity In Vitro

Gawdzik, Barbara: Lignin Modified Porous Bpa.Da-St Polymers Characterised By Thermal Analysis

Gordobil, Oihana: Xylan-Cellulose Films: Improvement Of Hydrophobicity, Thermal And Mechanical Properties

Niinivaara, Elina: Humidity Response Of Thin Films Consisting Of Alternating Layers Of Amorphous And Crystalline Cellulose
Peyre, Jessie: *Tuning the assembly of cellulose nanocrystals in 2D networks by adjusting the chemical conditions in spin coating*

14:30 - 16:00  3 Presentations (20mins + 10mins)
Session chair: Wolfgang Bauer

14:30 - 15:00 **Orlando Rojas**: Nanoparticles and Nanostructures from Direct- and Self- Assembly of Components Cleaved From Fiber Cell Walls

15:00 - 15:30 **Manuel Mikczinski**: Revisting The Transverse Compression Modulus

15:30 - 16:00 **Dr. Fabiola Vilaseca**: Use Of Nfc In Papermaking Applications

**Dr. Jose Alberto Mendez**: Lepamap Group. Research Lines

16:00 - 16:30  Poster presentations (5)

**Podkoscielew, Beata**: Synthesis And Copolymerization Of New Acrylate Derivatives Of Lignin

**Robles, Eduardo**: Nanopaper From Almond Shell

**Salminen, Reeta**: Cellulose Block Copolymers

**Sokolov, Alexander**: Pulsed Corona Discharge Oxidation In Lignin Modification

**Trifol, Jon**: Synergetic Behaviour Of Clay And Cellulose Nanofibers On Barrier Properties Of Nanocomposite

16:30 - 17:30  Poster session & drinks

20:00  Dinner
9th of May 2014

08:30 - 09:00  Registration and Reimbursement forms collection.

09:00 - 10:30  3 Presentations (20mins + 10mins)
               Session chair: Claudia Crestini

09:00 - 09:30  Dr. DelliColli: *Lignin in the Future, An Item of Commerce*

09:30 - 10:00  Dimitris Argyropoulos: *Our Industry’s Need to Refine Lignin Prior to Use in a Way Similar to Crude*

10:00 - 10:30  Claudia Crestini: *Tannins Characterization By $^{31}$p-Nmr*

10:30 - 11:00  Coffee break

11:00 - 12:30  6 STSM presentations (10mins + 5mins)
               Session chair: Arnis Treimanis

11:00 - 11:15  Sheetal Gangula: *Quantitative studies of oligomeric mixtures by MALDI-ToF-MS*

11:15 - 11:30  Paavo Penttila: *Visualization Of Elastic Properties In Biopolymer Composites Using Ultrasonic Force Microscopy*

11:30 - 11:45  Jokin Hidalgo: *Microscopic Characterization of Organic-Inorganic Hybrid Nanosystems*

11:45 - 12:00  Antonia Svard: *Effect of raw material and pulping conditions on dissolved kraft lignin; Characterization of kraft lignins from pine, spruce and eucalyptus by elemental analysis (CHNS/O) and analytical pyrolysis (Py-GC/MS)*

12:00 - 12:15  Johannes Leitner: *Treatment Of Pulp In A Kneader And Disperger*

12:15 - 12:30  Fabian Herz: *Conversion Of Wood Particles To Cellulose Fibers During A Modified Acetosolv Process*
12:30 - 13:30  Lunch and poster session

13:30 - 15:00  Working Groups meetings

15:00 - 16:00  WG feedback & Open discussion

16:00 – 16:30  Coffee break

16:30 - 17:00  Management Committee Meeting

17:00 - 18:00  Core group meeting

18:00  End of the workshop