

DAY 1 – Wednesday, October 24, 2012

08:45 – 09:10		Registration	
09:10 – 09:20		Welcome	
09:20 – 09:40	P. Reme (director)	PFI – Paper and Fibre Research Institute	
09:40 – 09:50	D. Asendrych	WG3	Short Term Scientific Missions: enhancing ESR mobility
SESSION 1		EXPERIMENTAL STUDIES – 1	
CHAIR		Juha Salmela	
TIME	SPEAKER		TITLE
09:50 – 10:10	P. Krochak	WG1/2/3	Comparison of fibre suspension flow measurements using UVP and MRI
10:10 – 10:30	A. A.-Hoseini	WG1	Fibre orientation in wall turbulent flow
10:30 – 10:50	P. Faia	WG1	Characterisation of fibers flow using EIT: results from Coimbra pilot rig
10:50 – 11:20 COFFEE BREAK			
SESSION 2		MULTIPHASE MODELLING OF FIBER SUSPENSIONS – 1	
CHAIR		Helge Andersson	
TIME	SPEAKER		TITLE
11:20 – 11:40	M. Do-Quang	WG3	Effect of finite size rigid fiber in turbulence drag reduction
11:40 – 12:00	C. Marchioli	WG3	Slip velocity of rigid fibers in wall-bounded turbulence
12:00 – 12:20	M. Wilkinson	WG3	Topological defects in fibre suspensions
12:20 – 12:40	J.R. Angilella	WG3	Effect of particle inertia on preferential orientation of triaxial platelets in shear flow
12:40 – 14:30 LUNCH			
SESSION 3		ANALYSIS OF DENSE FIBER SUSPENSIONS	
CHAIR		J.R. Angilella	
TIME	SPEAKER		TITLE
14:30 – 14:50	S. Skali-Lami	WG2	Pressure drop of pulp flow in pipes-Similarity and master curve
14:50 – 15:10	J. Salmela	WG1	Rheological characterization of complex fluids using Multi Scale Velocity Profile measurements
15:10 – 15:30	M. Babler	WG2/3	Restructuring and breakup phenomena in colloidal aggregation in turbulent flows
15:30 – 16:00 COFFEE BREAK			
SESSION 4		APPLICATIONS	
CHAIR		Michael Wilkinson	
TIME	SPEAKER		TITLE
16:00 – 16:20	P. Huber	WG2	The importance of fibre flocculation in flotation deinking
16:20 – 16:40	S. Haavisto	WG1	Optimization of papermachine dewatering
16:40 – 17:00	D. Asendrych	WG3	CFD modelling of the flowfield inside a disc refiner
19:30-22:00 SOCIAL DINNER at Vertshuset Grenaderen Restaurant (Kongsgårdsgate 1)			

DAY 2 – Thursday, October 25, 2012

SESSION 5 CHAIR		EXPERIMENTAL STUDIES – 2 Fredrik Lundell	
TIME	SPEAKER		TITLE
09:30 – 09:50	A. Soldati	WG1	Experimental investigation on fiber-laden jet flows
09:50 – 10:10	M. Kvik	WG1	Effect of fibres on rotational and curvature induced stability
10:10 – 10:30	P. Saarenrinne	WG1	The measurements at the headbox slice channel
10:30 – 10:50	M. Hirota	WG1	MRI measurements of fibre-suspension flow in a sudden contraction/expansion

10:50 – 11:20 COFFEE BREAK

SESSION 6 CHAIR		MULTIPHASE MODELLING OF FIBER SUSPENSIONS – 2 Tomas Vikstrom	
TIME	SPEAKER		TITLE
11:20 – 11:40	C. Goniva	WG3	Latest developments of the Open Source CFDEM project
11:40 – 12:00	M. Barri	WG3	Simulations of non-spherical particles in sudden-expansion channel
12:00 – 12:20	C. Nilsen	WG3	The point particle approximation for fibres

12:20 – 12:30 Workshop Closure

12:40 – 14:30 LUNCH

14:30 – 17:00 WG Meetings

DAY 3 – Friday, October 26, 2012

09:30 – 12:00 WG Meeting

12:00 – 12:10 MC Meeting Closure

12:30 – 14:00 LUNCH