WWSC
WALLENBERG WOOD SCIENCE CENTER

Poster session WWSC Workshop June 22, 2021

Session 1: 16.10–17.10

No.	Room	Name	Poster title	Email	Program
1	1	Kenneth Arandia	Fractionation of wood components using membrane filtration	kenneth.arandia@chalmers.se	1
2	1	Roujin Ghaffari	Mass transfer challenges in wood decomposition	roujin@chalmers.se	1
3	1	Andrea Seveso	Enzymes targeting LCCs	seveso@chalmers.se	1
4	1	Monika Tolgo	LPMO discovery and applications	tlgo@chalmers.se	1
5	1	Maria Karlsson	Extraction and Characterization of less degraded Lignins	maeklun@kth.se	1
6	1	Ioanna Sapouna	Lignin polymerization and interactions with non-cellulosic polysaccharides	sapouna@kth.se	1
7	1	Emilia Heinonen	Structure and function of hemicelluloses	sehei@kth.se	1
8	2	Pär Lindén	Insights into carbohydrate degradation during kraft pulping	parlinde@kth.se	1
9	2	Qilun Zhang	Forest-based materials for optoelectronic devices	qilun.zhang@liu.se	2
10	2	Alessio Truncali	Microwave assisted degradation of LignoBoost Kraft lignin	truncali@kth.se	2
11	2	Iuliana Ribca	Advanced chemical modification of lignin fractions towards a new thermoset	ribca@kth.se	2
12	2	Alexandros Alexakis	Adsorption of cationically charged latex nanoparticles on cellulose model surfaces	aleale@kth.se	2
13	2	Linnea Cederholm	Chemical recycling of PLA: A solvent approach	lced@kth.se	2
14	2	Poornima Ramamohan	Structure and dynamics of heterogeneos wood biopolymers	pooram@kth.se	2
15	3	Rohan Ajit Kulkarni	New methodologies for creating an open fibre wall structure	raku@kth.se	3
16	3	Farhiya Alex Sellman	Fundamental Understanding of Irreversible Cellulose Aggregation upon ageing	fase@kth.se	3
17	3	Faridah Namata	Physical and chemical modification of cellulose with dendritic material	namata@kth.se	3
18	3	Maria Cortes Ruiz	Tuning of CNF networks by different "locking" procedures	macr@kth.se	3
19	3	Shirin Naserifar	Functionalized cellulose structures from aqueous alkaline systems	shirin.naserifar@chalmers.se	3
20	3	Jiu Pang	A novel coarse-grained (CG) cellulose model based on Martini 3	jiu.pang@liu.se	3
21	3	Rebecca Östmans	Characterization of the colloidal properties of CNF gels	ostmans@kth.se	3
22	4	Saeed Davoodi	Flow assisted assembly of biocomposite filaments based on cellulose nanofibrills	sdavoodi@kth.se	3
23	4	Ahmad R Motezakker	Understanding of semi-flexibility at the nano-level of CNFs under various flow	armot@kth.se	3
24	4	Natalia Fijol	3D-printing of bio-based filters functionalized with nanocellulose for water purification	natalia.fijol@mmk.su.se	3
25	4	Pierre Munier	SAXS studies of the assembly and alignment in aqueous dispersions	pierre.munier@mmk.su.se	3
26	4	Ehsan Hadi	Anisotropic magnetic foams using iron oxide nanoparticles (IONPs)	ehsan.hadi@mmk.su.se	3
27	4	Sozan Darabi	Conducting Cellulose Yarn for Electronic Textiles	sozan@chalmers.se	4
28	4	Azega R B K Arasi	Durable activated carbon electrodes with a green binder	azega@chalmers.se	4

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Session 2: 17.10–18.10					
No.	**Room**	**Name**	**Poster title**	**Email**	**Program**
29	5	Silan Zhang	3D printed OECTs with wood-based materials	silan.zhang@liu.se	4
30	5	Mingna Liao	Cellulose-based materials for radiative cooling and solar heating	mingna.liao@liu.se	4
31	5	Mohsen Mohammadi	Soft Cellulose-based actuator and sensor	mohsen.mohammadi@liu.se	5
32	5	Tran Van Chin	Conductive Wood Veneer for Energy Storage Application	tran.van.chinh@liu.se	5
33	5	Gabriella Mastantuoni	Wood sulfonation for efficient in situ polymerization of Pyrrole	ggma@kth.se	5
34	5	Jonas Garemark	Wood Nanotechnology for Energy Storage and Harvesting	garemark@kth.se	5
35	5	Sylwia Wojno	Advanced rheological characterization of cellulose nanocrystals-based systems	wojno@chalmers.se	5
36	6	Luísa Völtz	Upcycling of post-consumer plastics to biocomposits via extrusion process	luisa.voltz@ltu.se	5
37	6	Minh Van Dinh	Ionic liquid strategy for chitosan production from native chitin	van.dinh@umu.se	5
38	6	Hanieh Mianehrow	Effect of moisture on interfacial interactions between CNF and Graphene Oxide	haniem@kth.se	5
39	6	Billy Hoogendoorn	Using Cellulose as a template for zinc oxide formation	billyho@kth.se	5
40	6	Céline Montanari	High Performance, Fully Bio-Based, and Optically Transparent Wood Biocomposites	cmmmo@kth.se	5
41	6	Hui Chen	Refractive index of delignified wood for transparent biocomposites	huch@kth.se	5
42	6	Saül Llàcer Navarro	Assembly of hierarchical materials from biopolymers and particles	saul@chalmers.se	5
43	7	Salla Koskela	Lytic polysaccharide monooxygenases for green production of cellulose nanomaterials	sallak@kth.se	5
44	7	Gusten Isfeldt	Multiscale modelling of nanocellullosic dispersions	isfeldt@kth.se	Treesearch
45	7	Tijana Todorovic	Green wood adhesives based on side-streams from the pulp industry	tijanat@kth.se	Treesearch
46	7	Seyedehsan Hosseini	Materials modification to increase the processability at high fiber content	seyedehsan.hosseini@chalmers.se	Treesearch
47	7	Damien Pierce	Mueller Matrix Polarimetry for Optical Characterisation of CNC and CNF	pierce@kth.se	Treesearch

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