

07.05.2019	S. Blohm	Starch fatty acid esters Concept and results of PhD thesis
14.05.2019	J. Kuchinka	Hybrid materials based on magnetic nanoparticles and meltable biopolymers for novel remote release systems Current project results
21.05.2019	L. Wöckel	Development of novel hot melt adhesives based on starch for low processing temperatures Current project results
28.05.2019	K. Hotzel A. Koschella	Photon transducers based on dye-modified oligo- and polysaccharides in nanostructures for optical applications Project summary
11.06.2019	L. Gabriel	Xylan as basis for functional polymers Current results of PhD thesis
18.06.2019	H. Lindemann	Tailored nanoparticles with two step release pattern: New tool for drug delivery Current results of PhD thesis
25.06.2019	K. Geitel	Chemistry of glucans Concept and results of master thesis
02.07.1019	C. S. Oztan	Alternative ways for production of bacterial cellulose Concept and results of studies at Jena university
09.07.2019	H. Würfel	Chemistry of pectin Progress report
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11.10.2018	D. Büchner	Development of novel polysaccharide-based hybrid materials for drug release applications in bone tissue Progress report B. Sc. Thesis

12.10.2018 09:00	M. Fischer	Synthesis, structure characterization, and hydrogel formation of novel agarose derivatives Defense of Diploma Thesis
17.10.2018 12:00	R. Hampe	Synthesis and characterization of novel water soluble starch derivatives for peritoneal dialysis Defense of PhD thesis
18.10.2018	M. Arnold	Colorimetric assay for the specific detection of Legionella pneumophila by isothermal amplification Progress report, M. Sc. Thesis
26.10.2018	on invitation	Meeting with Ashai Kasei Coordination of joint projects
08.11.2018	external	Zellcheming-Meeting "Cellulose and cellulose derivatives" Boku, Vienna
15.11.2018	K. Hotzel	Characterization of polyelectrolytes Cooperation with Prof. Karin Stana-Kleinschek, Univ. of Maribor
22.11.2018	N. Kuhl	Hybrid materials with magnetic nanoparticles Progress report, DFG-Project
29.11.2018	H. Lindemann	Polysaccharide-based nanoparticles as histon deacetylase inhibitor Progress report, DFG-project and PhD thesis
13.12.2018	N. Slesiona	Nanoparticle decorated DNA-origami for future biosensor applications Progress report, M. Sc. Thesis
17.01.2019	A. Sitterli	Reactive ene-functionalized dextran derivatives for thiol-ene click reactions Presentation 20 min for a participation in an international meeting (in English)
24.01.2019	selected participants	Meeting with the company Jowat Discussion of project results

31.01.2019 A. Koschella **Biodegradability – What does it mean**
Literature review

07.02.2019 D. Jakobi **Controlling the cellulose derivatization process through application of DNP-NMR** Concept and 1st results of
M. Gericke Innosuisse-project

17.04.2018 Ch. Achtel **Organic medium/ammonium salts as novel cellulose solvents**
Results of PhD thesis

27.04.2018 R. Hampe **New starch derivatives for peritoneal dialysis**
Friday Results of PhD thesis

08.05.2018 L. Gabriel **Types of polysaccharides: Structure, properties, and (commercial) availability**
Literature review

15.05.2018 S. Blohm **In-situ activation of carboxylic acids: Possibilities and application in polysaccharide chemistry**
Literature review

22.05.2018 E. U. P. **Synthesis and characterization of nanocellulose of Typha Domingensis and Euphorbia Antisyphilitica**
Barragan Report on previous work and concept of research stay in Jena

29.05.2018 H. Lindemann **Cleavable linker-structures in organic chemistry**
Literature review

05.06.2018 A. Sitterli **Thiol-ene-reaction: Mechanism, conditions and application in polysaccharide chemistry**
Literature review

12.06.2018 on invitation **Meeting ZIM-Project "Holzbauplatte"**

19.06.2018	M. Zhou	<i>Magnetic dextran ester nanocomposites with low melting temperature: synthesis, characterization and application</i> Results of PhD thesis
26.06.2018	on invitation	<i>Zellcheming-Meeting</i>
03.07.2018	N. Kuhl	<i>Hybrid materials with magnetic nanoparticles</i> New DFG-project, concept and first results
10.07.2018	L. Wöckel	<i>ZIM-Project "Development of adhesives based on starch for low-temperature applications"</i> Concept and first results
28.09.2018 12:30	L. Bialucha	<i>Functional agarose-hydrogels</i> Defence of B. Sc. Thesis
12.10.2018 09:00	M. Fischer	<i>Synthesis, structure characterization, and hydrogel formation of novel agarose derivatives</i> Defence of Diploma Thesis

23.10.2017 Mon	Chih-Ying Chien	<i>Synthesis and characterization of regioselectively substituted curdlan esters</i> Report on own research
02.11.2017 Thu	L. Gabriel	<i>Synthesis of unusual polysaccharide derivatives</i> State of PhD thesis
06.11.2017 Mon	L. Zhang	<i>Functional polysaccharide hydrogel nanocomposites</i> Previous work and concept of the research stay
16.11.2017 Thu	Zafer Söyler KIT	<i>Sustainable and efficient functionalization methods for carbohydrate polymers</i> Guest lecture

20.11.2017 Mon	A. Sitterli	<i>Biacore studies at fzmb – technique and results</i>
27.11.2017 Mon	H. Lindemann	<i>Polysaccharide-based nanoparticles as histon deacetylase inhibitor</i> State of PhD thesis
07.12.2017 Thu	M. Fischer	<i>Synthesis, characterization, and hydrogelation of novel agarose composites</i> State of PhD thesis
14.12.2017 Thu	M. Kayser	<i>Chemical functionalization of pectin</i> State of PhD thesis
21.12.2017 Thu	M. Zhou	<i>Magnetic dextran ester nanocomposites with low melting temperature: synthesis, characterization and application</i> State of PhD thesis
18.04.2017	Th. Heinze	<i>Chemistry with activated polysaccharide derivatives – an efficient and simple path to novel structures</i>
		<i>Functional polysaccharide hydrogels through chemical derivatization of agarose</i> Presentations at the ACS Symposium San Francisco, 02.-06.04.2017
	M. Gericke	
25.04.2017	Th. Heinze	<i>Partikel-Meeting</i> FSU Jena, fzmb
02.05.2017	S. Blohm	<i>Synthesis of starch esters by in situ activation</i> Concept and 1st results of PhD thesis

09.05.2017	J. Preßler	<i>Reduction of carbonyl groups</i> Literature review
16.05.2017	A. Koschella	<i>Products from cellulose tosylates</i> Literature review
		<i>Annual safety instruction</i>
23.05.2017	M. Zhou	<i>Structuring of magnetic particle doped biopolymer</i> State of PhD thesis
30.05.2017	A. Koschella	<i>Annual safety instruction</i>
06.06.2017	J. de Jesus	<i>Solvatochromic cellulose derivatives</i> Concept and 1st results of B. Sc. thesis
20.06.2017	A. Sitterli	<i>Reactive polysaccharide derivatives</i> Current state of PhD thesis
22.06.2017	P. Schulze	<i>Cellulose-particles for immunoassays</i> State of PhD thesis
13.00- 15.00		
	M. Kayser	<i>Chemistry of pectin</i> <i>Literature review</i>
04.07.2017	Ch. Achtel	<i>Organic medium/ammonium salts as novel cellulose solvents</i> Results of PhD thesis

B. Scherer ***Mechanical properties of thermoplastic starch esters***
State of PhD thesis

26.09.2016 F. Steppeler ***1,3-Dicarbonyl-funktionalisierte Polysaccharide für die Kationendetektion***
Monday! Defence of B. Sc. Thesis

Modifizierung von Pentosan zur Gewinnung von wasser-löslichen Funktionspolymeren
Defence of M. Sc. thesis

L. Gabriel

Synthesis and film formation of novel furfuryl- and maleimide-functionalized dextran derivatives
Defence of M. Sc. thesis

F. Obst

30.09.2016 S. Blohm ***Synthese und Charakterisierung von neuartigen cellulosederivaten mit potenzieller Bioaktivität***
Friday Defence of M. Sc. thesis

11.10.2016 K. Ganske ***New cellulose derivatives by modification of cellulose phenylisocyanates***
Results of PhD thesis

25.10.2016 K. Hotzel ***Novel dextran-based vectors for gene delivery***
Results of PhD thesis

01.11.2016 A. Sitterli ***Synthesis and characterization of polysaccharide derivatives and preparation of bioconjugates for immunoassays***
Defence of M. Sc. thesis

- Ch. Ahtel ***Homogeneous modification of cellulose in the new solvent triethyloctylammonium chloride in combination with organic liquids***
Presentation at 7th Workshop of Cellulose, 15.-16.11.2016, Örnköldsvik, Sweden
- 22.11.2016 B. Scherer ***Photochromic materials based on starch esters***
Current results from PhD thesis
- 29.11.2016 P. Schulze ***Polysaccharide-based nanoparticles: Preparation, characterization, and application examples***
Current state of PhD thesis
- 06.12.2016 P. Oesau ***Photoactive nanoparticles from polysaccharides***
Concept and 1st results of PhD thesis
- 13.12.2016 R. Hampe ***Starch esters – Synthesis and characterization***
Current state of PhD thesis
- 10.01.2017 J. M. Teuscher ***Hotmelts for industrial applications***
Current results of project with Klesyma (How to proceed?)
- 17.01.2017 M. Kayser ***Chemistry of pectin***
Literature review
- K. Geitel ***Nanoparticles from xylan- and cellulose phenylcarbonates***
Current results from B. Sc. studies
- 24.01.2017 K. Jedvert ***Novel paths for cellulose fiber production; studies on amino celluloses***
Results of postdoc stay
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19.04.2015	Th. Heinze	<i>Nanoparticles based on polysaccharides</i> State of the art
26.04.2016	F. Obst	<i>Self-healing materials based on dextran derivatives</i> Concept and results of master thesis
	S. Benndorf	<i>Xylan-based nanoparticles</i> Results of practical course
03.05.2016	H. Würfel	<i>Fluorescent labelling of cellulose; photocleavable groups for surface functionalization of cellulose</i> Concept and results of project work
10.05.2016	K. Ganske	<i>New cellulose derivatives by modification of cellulose phenylisocyanates</i> Results of PhD thesis
17.05.2016	S. Blohm	<i>Preparation and characterization of novel cellulose derivatives with potential bioactivity</i> Concept and results of master thesis
	L. Gabriel	<i>Water soluble functional polymers by chemical modification of xylan</i> Concept and results of master thesis
24.05.2016	K. Hotzel	<i>Novel dextran-based vectors for gene delivery</i> Results of PhD thesis
	A. Koschella	<i>Annual safety instruction</i>
07.06.2016	Th. Heinze	<i>Amino celluloses - state of the art and perspectives</i>
14.06.2016	A. Sitterli	<i>Dextran derivatives for antibody immobilization</i> Concept and results of master thesis

21.06.2016	M. Zhou	Structuring of magnetic particle doped biopolymer Results of PhD thesis
12.07.2016	Ch. Ahtel	Homogeneous modification of cellulose in the new solvent trimethyloctylammonium chloride / organic liquids Results of PhD thesis
	P. Schulze	Approach to functional cellulose based composite nanoparticles
	M. Gericke	Novel polysaccharide derivatives for thiol-ene click chemistry
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22.10.2015	P. Schulze	Detection nanoparticles based on trimethylsilyl celluloses Partikel-Meeting im fzmb Bad Langensalza
Wed 04.11.2015	M. Schöbitz	Dendronisierte Polysaccharide als bioaktive Beschichtungs-materialien - Herstellung und Anwendungsbeispiele Defense of PhD thesis
12.11.2015	Ch. Ahtel	Acetylation of cellulose in different solvents (Manuscript in preparation)
26.11.2015	R. Hampe	Synthesis and characterization of starch carbonates – Conclusion from the results (Manuscript submitted to Starch)

03.12.2015 E. Wondraczek **Starch esters: Synthesis and properties**
Project report Klesyma

10.12.2015 H. Wondraczek **Up-scaling of starch ester synthesis**
Project report Lohmann

14.01.2016 P. Schulze **Nanoparticles in bioanalytics**
Publications: reviews and original results

20.01.2015 V. Sarbova **n-Propylphosphonsäureanhydrid in der Cellulosechemie und Cellulosederivate**
Wed **in der Nanostrukturbildung**
Defense of PhD thesis

21.01.2016 K. Ganske **Synthesis of cellulose phenylcarbonates with diphenyl carbonate and various catalysts**
Results of PhD studies

28.01.2016 K. Hotzel **Aminosäuresubstituierte Dextrane als nichtvirale Vektoren im gene delivery**
Results of PhD studies

Thu Ch. Achtel **Cellulose solvents**
16.04.2015 Literature review

Wed **Meltable polysaccharide derivatives**
29.04.2015 Internal group meeting

Tue 12.05.2015	Th. Elschner	<i>Polysaccharide carbonates - a platform for functional biopolymers</i> Results of PhD studies
Wed 13.05.2015	Prof. Dr. Ivan Vilotijevic	<i>The different flavors of oxygen heterocycles: synthetic studies on ladder polyethers and glycosylphosphatidly inositols</i>
Wed 20.05.2015	Th. Elschner	<i>Polysaccharide carbonates - a platform for functional biopolymers</i> Defense of PhD studies
Thu 21.05.2015	B. Muhitdinov	<i>Viscosimetric constants for sodium cellulose sulfates</i> Report on current results
Tue 26.05.2016	V. Sarbova	<i>T3P - a promising reagent in cellulose chemistry</i> Results of PhD studies
Wed 27.05.2015	M. Gericke	<i>Homogeneous tosylation of cellulose</i> Report on current results
Tue 02.06.2015		<i>Meltable polysaccharide derivatives</i> Internal group meeting

Thu 11.06.2015	J. Bartz	<i>Derivatization of starch</i> Concept and first results of PhD thesis
Tue 23.06.2015	B. Scherer	<i>Laminated glass with photo-switchable properties</i> Concept of PhD studies
Thu 09.07.2015	M. Zhou	<i>Magnetic hybrid materials from dextran esters</i> Report on current results
Wed 15.07.2015		<i>Meltable polysaccharide derivatives</i> Internal group meeting
Wed. 22.10.2014	S. Pflanze	<i>Synthesis and characterization of high-molecular weight amino celluloses</i> Defense of Bachelor Thesis
Thu. 23.10.2014	F. Scholz	<i>Modifizierung von Polyethylensubstraten mit Aminocellulose und Antikörperimmobilisierung für die Entwicklung von immunologischen Schnelltests am Beispiel von CRP</i> Results of PhD Thesis

Tue. 04.11.2014	B. Muhitdinov Guest researcher	<i>Information on previous studies</i>
Wed. 05.11.2014	F. Scholz	<i>Modifizierung von Polyethylensubstraten mit Aminocellulose und Antikörperimmobilisierung für die Entwicklung von immunologischen Schnelltests am Beispiel von CRP</i> Defense of PhD Thesis
Thu. 06.11.2014	K. Ganske	<i>New products from cellulose carbonates</i> Results of PhD studies
Thu. 13.11.2014	Th. Elschner	<i>Polysaccharide carbonates – A platform for functionalized biopolymers</i> Results of PhD studies
Tue. 18.11.2014	M. Kostag	<i>Development of new cellulose solvents based on alkylammonium salts</i> Results of PhD studies
Thu. 20.11.2014	P. Schulze	<i>Cellulose nanoparticles for immunoassay development</i> Results of PhD studies

Thu. 27.11.2014	K. Hotzel	<i>Polysaccharide amino acid esters</i> Results of PhD studies
Tue. 09.12.2014	J. Wotschadlo	<i>Dextrinova – the way from innovative products to relevant customer applications</i>
Thu. 11.12.2014	S. Schmidt	<i>Rheology of starch esters</i> Results of PhD studies; stay in Sophia-Antipolis
Tue. 20.01.	J. Steinmetzer	<i>Deoxyhalogeno celluloses and their Grignard reaction</i> Results of practical work (OC V)
Wed. 28.01.	M. Kostag	<i>Development of new cellulose solvents based on alkylammonium salts</i> Defense of PhD Thesis
Thu. 29.01.	M.Zink	<i>Physicochemical and biological characterization of polymers for gene delivery</i> State of PhD thesis
Thu. 05.02.	H. Wondraczek	<i>Information about new UV/Vis spectrophotometer</i>

Thu. 12.02.	Th. Heinze	<i>Retrospective on 2014 and planning of the year 2015</i>
	A. Koschella	<i>Safety instructions</i>
Thu. 05.03.	Th. Elschner	<i>Cellulose carbonates: A platform for promising biopolymer derivatives with multifunctional capabilities</i>
Thu 12.03	K. Hotzel	<i>Synthesis and characterization of dextran amino acid esters</i>
Thu. 19.03.	Prof. Dr. Ivan Vilotijevic	<i>The different flavors of oxygen heterocycles: Synthetic studies on ladder polyethers and glycosylphosphatidyl inositols</i>
Thu. 16.04.	Ch. Achtel	<i>Cellulose-Lösungsmittel</i>

Datum	Vortragender	Thema
Tue. 10.10.2014	S. Schmidt	<i>Preparation of meltable polysaccharide derivatives</i> Concept and own results
Thu. 17.04.2014	K. Hotzel	<i>Protonation behaviour of dextran aminoacid esters</i> Results of studies in Maribor
Tue. 22.04.2014	R. Hampe	<i>INTERN: Ausgewählte Ergebnisse zu Stärkeacetylierung</i>
Thu. 24.04.2014	M. Nikolajski	<i>Multifunctional Nanoparticles of 6-Desoxy-6-ω-aminoalkylaminocelluloses</i> Results of PhD thesis
Tue. 29.04.2014	C. Achtel	<i>INTERN: Synthese eines schaltbaren Farbstoffs</i>
Tue. 06.05.2014	O. A. El Seoud	<i>The use of perichromic probes in cellulose chemistry</i>
Thu. 08.05.2014	P. Riehl	<i>Studien zur Charakterisierung von antimikrobiellen Dünnschichtsystemen</i> Verteidigung der Masterarbeit
Thu. 22.05.2014	V. Sarbova	<i>n-Propyl Phosphonic Acid Anhydride – a promising reagent in polysaccharide chemistry</i> Results of PhD work
Tue 27.05.2014	M. Nikolajski	<i>Multifunctional Nanoparticles of 6-Desoxy-6-ω-aminoalkylaminocelluloses</i> Results of PhD thesis

Tue. 05.06.2014	Th. Elschner	<i>Cellulose-based polyzwitterions with pH-sensitive changes</i> (Präsentation Zellcheming Frankfurt am Main)
Tue. 10.06.2014	P. Schulze	<i>Nanopartikel in der Sensorik</i>
Thu. 12.06.2014	F. Meister	<i>CellSolution™ sprayfilms – Sprüh- und extrudierfähige Cellulosederivatlösungen als vielseitig anwendbare, selbstvernetzende Beschichtungsmassen und -filme</i>
Thu. 19.06.2014	F. Scholz	<i>Modifizierung von Polyethylensubstraten mit Aminocellulose und anschließende Antikörperimmobilisierung für die Entwicklung von immunologischen Schnelltest am Beispiel von CRP</i>
Thu. 03.04.2014	M. Obst	<i>Cellulose nanoparticles for antibody detection</i> Concept and 1st results of master thesis

Datum	Vortragender	Thema
Tue. 22.10.2013	L. Bretschneider	<i>Synthesis and characterization of multifunctional water-soluble cellulose derivatives</i> Presentation of results of the diploma thesis
Tue. 29.10.2013	R. Hampe	<i>Comparative studies on acylation of starch</i> Presentation of own results
Wed. 30.10.2013	J. Wotschadlo	<i>Interaction of polysaccharide-based nanoparticles with human cells</i> PhD Defense

Tue. 05.11.2013	M. Kostag	<i>New cellulose solvents</i> Concept and results of PhD thesis
Wed. 13.11.2013	Prof. D. M. Gradzielski	Scientific colloquium
Thu. 21.11.2013	T. Jordan	<i>Synthesis, characterization, and application of thermoplastic starch esters in photochromic laminated glass</i> Presentation of results of PhD Thesis
Tue. 26.11.2013	Th. Wellhöfer P. Riehl	<i>Scientific results on modification of magnetic particles with amino celluloses; separation of toxins</i> <i>Antimicrobial surfaces: Structure and properties</i>
Thu. 09.01.2014	Th. Elschner	<i>Optimized synthesis and characterization of cellulose carbonates – Types of structures</i> <i>Conclusions to publications</i>
Tue. 14.01.2014	M. Gericke	<i>Polysaccharide-based particles – Types and applications</i>
Thu. 16.01.2014	Th. Heinze	<i>Retrospective on 2013</i>
28.01.2014	Th. Heinze	<i>Cellulose polyelectrolytes</i> Advanced training, mandatory for BSc, MSc, and PhD students
Thu. 30.01.2014	M. Zhou	<i>Hybrid materials based on magnetic nanoparticles and meltable biopolymer for remote controlled release system</i> Concept of PhD thesis and first results
Tue.	A. Koschella	<i>New COST-project;</i>

04.02.2014 **Lab book - logging of experiments** - Some information

Thu. S. Schmidt **Concept and own results on preparation of meltable polysaccharide derivatives**

06.02.2014

Arbeitsgruppenseminare im Sommersemester 2013

Group seminars, summer term 2013

Datum	Vortragender	Thema
18.03.2013	Y. Wang	Synthesis and Characterization of Regioselective Cellulose Derivatives Results of PhD studies
21.03.2013	T. Genco	Amino cellulose sulfates, a new class of polyampholytic polysaccharide derivatives Results of PhD studies
18.04.2013	T. Genco	Amino cellulose sulfates, a new class of polyampholytic polysaccharide derivatives Results of PhD studies
25.04.2013	K. Hotzel	Polysaccharide amino acid esters Results of PhD studies
02.05.2013	D. Colevati	Synthesis of tosyl cellulose esters with controlled structure Student exchange with São Paulo University, Brazil
30.05.2013	J. Wotschadlo	Polysaccharide-based nanoparticles and cells – Investigations on interactions Results of PhD studies
	L. Todi	Extended Characterization of Various Cellulose/IL Systems Results of PhD studies

06.06.2013	M. Nikolajski	<i>Multifuntional nanostructures from aminocelluloses</i> Results of PhD studies
20.06.2013	T. Liebert	<i>Esterification of polysaccharides</i> Review on acylation methods
27.06.2013	H. Hotzel	<i>Working with scientific literature</i> Presentation of THULB services
04.07.2013	A. Koschella	<i>Regiochemistry on cellulose</i> Literature review
11.07.2013	M. Kostag	<i>Ammonium salts as cellulose solvents</i> Results of PhD studies

Arbeitsgruppenseminare im Wintersemester 2012/2013

Group seminars, winter term 2012/2013

Datum	Vortragender	Thema
22.10.2012	R. Hampe	<i>Synthese und Charakterisierung wasserlöslicher Stärkeester</i> Results of Diploma studies
01.11.2012	J. Wotschadlo	<i>Biocompatible Multishell Architecture for Iron Oxide Nanoparticles</i> Results of PhD studies
08.11.2012	M. Kostag	<i>News about the dissolution of cellulose and the regioselective hydroxyalkylation of cellulose</i> State of PhD thesis
		<i>Novel results obtained in the cooperation with Prof. S. Harding, Nottingham University</i>
	M. Nikolajski	

	O. Guntner	Synthesis and properties of photochromic spiropyran-functionalized polysaccharide esters Practical course in advanced organic chemistry
22.11.2012	M. Gericke	Development of agarose based carrier materials Results of PhD studies
29.11.2012	A. Koschella	Determination of DP by viscometry
	F. Scholz	Aminocellulose modified substrates as new platform for immunoassay development Results of PhD studies
06.12.2012	V. Sarbova	n-Propyl Phosphonic Acid Anhydride – a promising reagent in polysaccharide chemistry State of PhD studies
17.01.2013	Th. Heinze	Cellulose solvents Advanced training
24.01.2013	K. Ganske	Novel cellulose derivatives by modification of cellulose carbonates State of the PhD thesis
31.01.2013	Y. Wang	Synthesis and characterization of cellulose-3-O-ethers bearing two different alkyl moieties Results of PhD studies

Arbeitsgruppenseminare im Sommersemester 2012

Group seminars, summer term 2012

Datum	Vortragender	Thema
Fr, 27.04.2012	R. Hampe	Starch esters
Th. Heinze		Results of Diploma studies
Fr, 04.05.2012	T. Genco	Amino cellulose sulfate: synthesis, characterization and physicochemical behavior
H. Wondraczek		Results of PhD studies

Th, 24.05.2012 A. Koschella	K. Ganske	<i>Cellulose carbonates</i> Results of Diploma studies
Th, 07.06.2012 Th. Heinze	K. Hotzel	<i>Polysaccharide amino acid esters</i> Results of PhD studies
	J. Wotschadlo	<i>Biocompatible multishell architecture of iron oxide nanoparticles</i> Results of PhD studies
Th, 14.06.2012 T. Liebert	K. Schwikal	<i>Electrospinning - an overview</i> Overview
	Th. Wellhöfer	<i>Amino celluloses</i> Results of PhD studies
Th, 21.06.2012 Th. Heinze	M. Schöbitz	<i>Dendronized cellulose derivatives</i> Results of PhD studies
Th, 28.06.2012 T. Liebert	M. Nikolajski	<i>Amino celluloses</i> Results of PhD studies
Th, 05.07.2012 Th. Heinze	L. Todi	<i>Extended Characterization of Various Cellulose/IL Systems</i> Results of PhD studies
Th, 12.07.2012 H. Wondraczek	Th. Elschner	<i>Polysaccharide carbonates and their chemistry</i> Results of PhD studies
Th, 19.07.2012 A. Koschella	F. Scholz	<i>Bioassay development</i> Results of PhD studies

Arbeitsgruppenseminare im Wintersemester 2011/2012 Teil 1
Group seminars, winter term 2011/2012

Datum	Vortragender Thema	
20.10.2011 A. Koschella	L. Fidale	<i>Probing the dependence of the properties of cellulose derivatives on the degree of biopolymer substitution: use of solvatochromic indicators</i> Results of the PhD thesis and future work
27.10.2011 T. Liebert	Y. Wang	<i>Regiochemistry with cellulose</i> State of the PhD studies
03.11.2011 K. Petzold	C. Zarth	<i>Cationic cellulosics: Preparation, analysis, properties</i> State of the PhD studies
10.11.2011 H. Wondraczek	Th. Wellhöfer	<i>Cellulose-modified surfaces for food analytics</i> Concept and state of the PhD studies
17.11.2011 Th. Heinze	K. Ganske	<i>Chemistry of activated cellulose carbonates</i> Concept and state of the diploma studies
24.11.2011 Th. Heinze	St. Hesse	<i>Results of recent studies in the field of cellulose-solvent interactions</i> Project report "Influence of salts on the properties of polymer solutions and their shaping"
01.12.2011 St. Hesse	T. Liebert	<i>Innovative concepts for shaping and modification of cellulose</i> Advanced training
08.12.2011 A. Koschella	M. Vieira	<i>Starch esters - Report about the studies carried out in project 28</i> Meeting for group members only
15.12.2011 M. Vieira	M. Meiland	<i>Cellulose-Modellverbindungen: Darstellung und Interaktion mit Boronsäuren</i> Abschluss der Promotionsarbeit
	F. Drünert	<i>Dextran carbonates</i> Results from the practical course in advanced organic chemistry

05.01.2012	Th. Heinze	<i>Writing of scientific publications</i> Advanced training
12.02.2012	Th. Heinze	<i>Cellulose structure and reactivity</i> Advanced training
26.01.2012	Th. Schulze (TITK)	<i>Quantitative characterization of semicrystalline polymer systems by X-ray scattering techniques</i> Advanced training
	L. Fidale	<i>Studies on magnetic nanoparticles</i> Results of the postdoc stay
02.02.2012	M. Kostag	<i>Meltable Ammonium Salts for Cellulose Dissolution and Processing</i> State of the PhD studies

Arbeitsgruppenseminare im Sommersemester 2011

Group seminars, summer term 2011

21.04.2011	L. Wöckel	<i>Synthesis of 6-deoxy-6-amino chitosan derivatives</i> Practical course in OCV and Bioorganic Chemistry
	T. Wellhöfer	<i>Surface modification with amino celluloses</i> Presentation of the diploma thesis
28.04.2011	T. Genco	<i>Viscose fibers coated with amino cellulose sulfate: physico-chemical characterization and potential applications</i> State of the PhD thesis
19.05.2011	Y. Wang	<i>Synthesis of 3,6-O-alkyl celluloses</i> State of the PhD thesis
26.05.2011	L. Todi	<i>Analytical investigation of various cellulose/IL systems</i> State of the PhD thesis

- 09.06.2011 B. Neitzel ***Mechanical properties of glass laminated with polysaccharide esters***
State of the diploma thesis
- 16.06.2011 H. Qi ***Synthesis of amphiphilic starch derivatives via a one-pot procedure***
Presentation of project results
- S. Schmidt ***Cellulosesulfate und Benzylcellulosesulfate als gerinnungshemmende Beschichtungen für PET-Oberflächen***
Results of the Diploma Thesis
- 23.06.2011 T. Jordan ***Preparation of starch ester blends and recycling of the reaction media***
State of the PhD thesis
- Ch. Hörenz ***Coating of Au-Nanoparticles with Aminocellulose***
Practical course in OCV
- 30.06.2011 M. Meiland ***Preparation of cellodextrins***
State of the PhD thesis
- M. Schöbitz ***PET-films coated with dendronized cellulose via reel-to-reel technique and dendronization of dextran***
State of the PhD thesis
- 07.07.2011 L. Fidale ***Probing the dependence of the properties of cellulose derivatives on the degree of biopolymer substitution: use of solvatochromic indicators***
Results of the PhD thesis and future work
- E. Kleebusch ***Amphiphilic chitosan derivatives***
Practical course in OCV and Bioorganic Chemistry

Arbeitsgruppenseminar in Siegmundsburg

Group Seminar in Siegmundsburg

04.-05.03.2011

- 04.03.2011 M. Meiland Diskussionsleiter
- K. Petzold-Welcke ***Nanostructures of cellulose***
- J. Wotschadlo ***Why do cell take up (polysaccharide) nanoparticles?***

T. Jordan ***Sugar analysis via HPLC***
K. Hotzel ***Photocatalytic Hydrogen Generation***
Th. Elschner ***Capillary Electrophoresis of Carbohydrates***
S. Hesse-Ertelt ***Solid state NMR at ionic liquids***
M. Nikolajski Diskussionsleiter
J. Schaller ***Upscaling of polysaccharide chemistry***
H. Wondraczek ***Feldflussfraktionierung***
M. Meiland ***Glucose-responsive hydrogels***
C. Zarth ***Polyelectrolyte Titration***

05.03.2011

K. Petzold-Welcke Diskussionsleiter
T. Liebert ***Cellulose Solvents - A Review***
Y. Jüttke ***Methods of Isolation of Cellulose***
H. Qi ***The modification of cellulose in aqueous alkali solution***
K. Schwikal
V. Sarbova ***Cellulose crosslinking***
Th. Heinze ***Chemistry of cellulose: some "old" results***
H. Wondraczek Diskussionsleiter
F. Meister
L. Nicoleta Todi ***Analytical Investigations of Various Cellulose-Ionic Liquid Systems***

L. Fidale ***Small part of her PhD defense***

Y. Wang ***Synthesis and Characterisation of 3,6-Di-O-Methyl Cellulose***

Arbeitsgruppenseminare im Wintersemester 2010/2011

Group seminars, winter term 2010/2011

13.01.2011 M. Gericke ***Preparation of cellulose sulphates in ionic liquids: Challenges and opportunities***
Presentation of results of the PhD thesis

20.01.2011 H. Göbel ***Introduction to the Reaxys Database***
H. Hotzel Seminarraum 6, Rechenzentrum, Johannisfriedhof

03.02.2011 J. Wotschadlo ***Synthesis and biological action of core-shell- and multishell particles (NanoMed)***
State of PhD thesis

K. Ganske ***Preparation and characterization of multilayer nanoparticles***
Practical course in advanced organic chemistry

10.02.2011 O. Kuzmina ***Research of dissolution ability of ionic liquids for polysaccharides such as cellulose***
State of the PhD thesis

Synthesis of cellulose phenylcarbonates with diphenyl carbonate and various catalysts

Results of PhD studies