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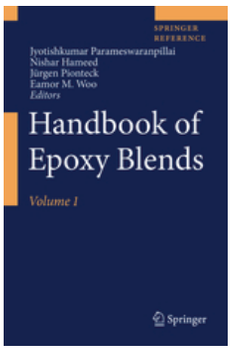

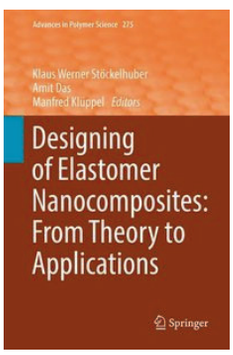

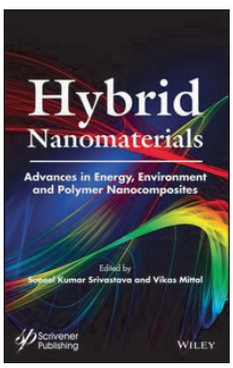

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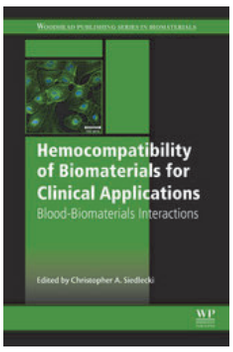

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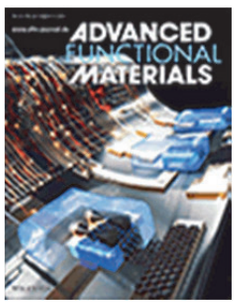

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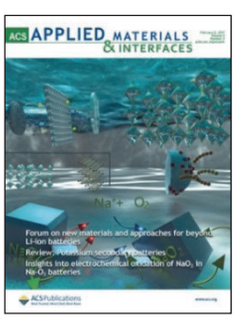

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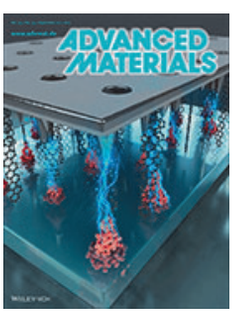

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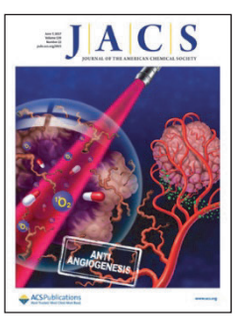

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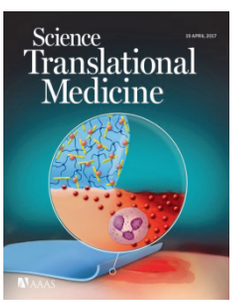

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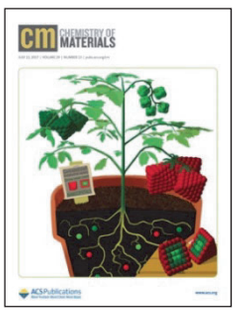

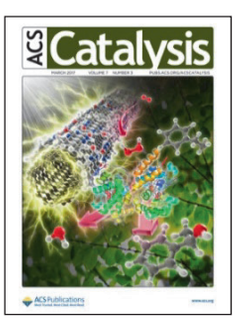

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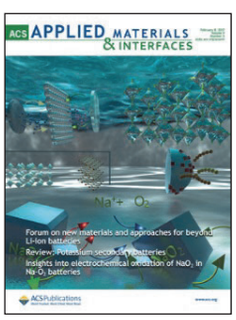

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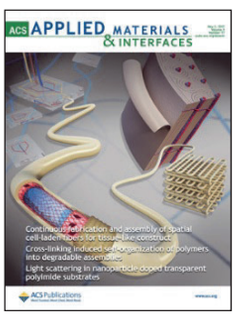

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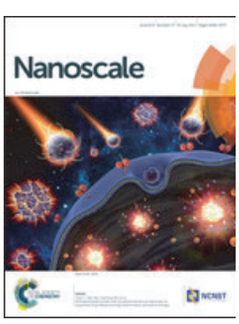

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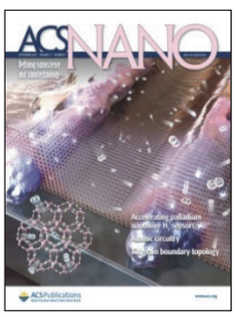

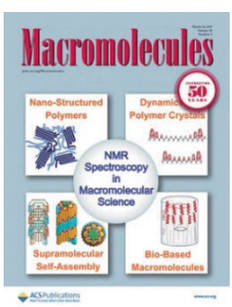

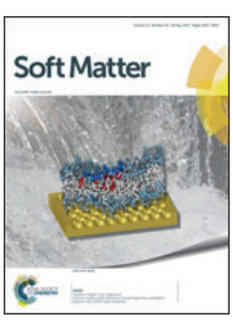

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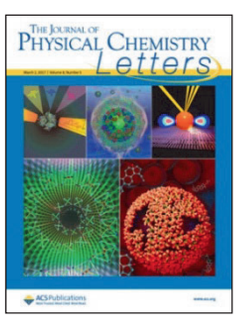

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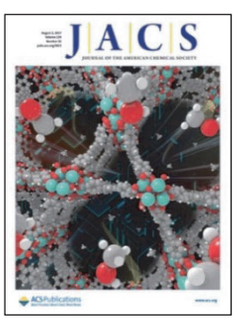

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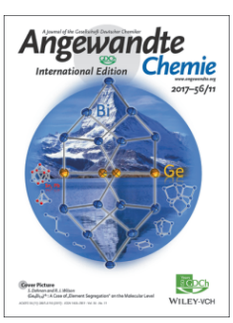

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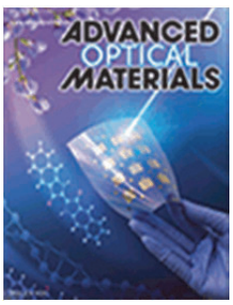

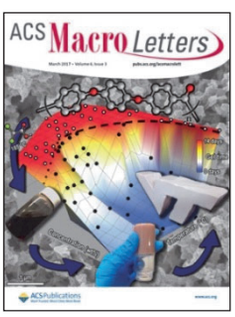

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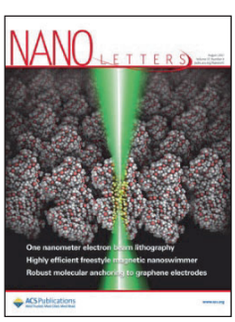

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Patente

IPF Dresden, AT: 10.03.2017
Dr. L. Schirmer, Dr. U. Freudenberg, Prof. C. Werner, P. Atallah
Verfahren zur differenzierten Sequestrierung von Stoffen verschiedener Stoffgruppen mit Hilfe von sulfatierte oder sulfonierte Komponenten enthaltenden Hydrogelen

IPF Dresden, HTW Dresden, AT: 17.03.2017/ET: 17.05.2017, Design 40 2017 100 325
Dr. A. Spickenheuer, Prof. P. Laabs, E. Richter, S. Konze, K. Löschner, S. Elsner
Sportbogen

IPF Dresden, AT: 07.04.2017
Dr. W. Butwilowski, Dr. D. Lehmann, Dr. S. Schwarz, S. Haufe
Biobasierte Schmelzklebstoffe und Verfahren zu ihrer Herstellung

IPF Dresden, AT: 12.04.2017/ET: 19.06.2017, Gebrauchsmuster 20 2017 102 192
M. Heinze, F. Müller, Y. Born, S. Stein
Laborgerätehalterung

IPF Dresden, AT: 11.05.2017
Dr. J. Nagel, Ph. Zimmermann
Modifizierte Formteilober- und/oder -grenzflächen und Verfahren zu ihrer Herstellung

IPF Dresden, AT: 15.06.2017
Dr. D. Lehmann
Oberflächenmodifizierte Glasfasern zur Betonverstärkung und Verfahren zu ihrer Herstellung

IPF Dresden, AT: 15.06.2017
Dr. D. Lehmann
Schlichtefrei und silanfrei modifizierte Glasfaseroberflächen, daraus hergestellte Verbundmaterialien und Verfahren zur Herstellung der modifizierten Glasfaser-oberflächen

IPF Dresden, AT: 22.06.2017
S. Stein, Dr. F. Böhme
Ionisch modifizierte Elastomere und Verfahren zu ihrer Herstellung

IPF Dresden, AT: 23.06.2017
Dr. D. Lehmann
Modifizierte Kunststoff-Oberflächen mit Perfluorpolymeren und Verfahren zu ihrer Herstellung

IPF Dresden, AT: 23.06.2017
Dr. D. Lehmann
Modifizierte Kunststoff-Oberflächen mit Perfluorpolymeren und Verfahren zu ihrer Herstellung

IPF Dresden, AT: 13.10.2017
B. Glatz, A. Knapp, Prof. A. Fery
Oberflächenstrukturierte Polymerkörper und Verfahren zu ihrer Herstellung

TUD und IPF Dresden, AT: 13.12.2017
B. Friedel, T. Radermacher, Dr. T. Rische, B. Cerbe, Dr. A. Spickenheuer, S. Konze, E. Richter, F. Seewald, S. Perez-Becker, D. Schulze
Hinterkantenklappe für ein Rotorblatt

Abgeschlossene Graduierungsarbeiten

Promotionen

Marcus Binner
Integration of fibrillar structures in synthetic hydrogels
Technische Universität Dresden

Ron Dockhorn
Heparin-star PEG hydrogels -Theory, simulation and experiment - Theoretical modeling of an experimental system
Technische Universität Dresden

Jan Domurath
Stress and strain amplification in non-Newtonian fluids with spherical and anisometric particles
Technische Universität Dresden

Tim Erdmann
New high charge carrier mobility polymers for organic transistors
Technische Universität Dresden

Anne Freitag
Preparation and characterization of polymer/ceramic separators and polymerelectrolytes for high-energy density lithium-sulfur cells
Technische Universität Dresden

Simone Gäbler
Untersuchung des Anwendungspotentials der Hochfrequenzwirbelstrommesstechnik zur Charakterisierung dielektrischer Eigenschaften von Epoxidharzen und Faserverbundmaterialien
Technische Universität Dresden

David Gvaramia
3D culture of hematopoietic stem and progenitor cells in biohybrid starPEG-heparin hydrogels
Technische Universität Dresden

David Gräfe
Tetra-responsive grafted hydrogels for flow control in microfluidics
Technische Universität Dresden

Yevhen Karpov
Solution processable conducting films based on doped polymers: synthesis and characterization
Technische Universität Dresden

Jörg Kluge
Komplexierende Glycopolymere auf der Basis hochverzweigten Polyethylenimins zum Aufbau ionenselektiver Elektroden
Technische Universität Dresden

Andreas Krause
Bisensitive interpenetrierende Polymernetzwerke für die Mikrofluidik
Technische Universität Dresden

Xiaoling Liu
Polymeric multicompartment sstems for simultaneous action as synthetic bionanoreactor and transport and delivery systems
Technische Universität Dresden

Valentina Magno
Macromolecular crowding for tailoring cell- and tissuederived extracellular matrices for kidney tissue engineering
Technische Universität Dresden

Kathrin Müller
Elektrolyte für wiederaufladbare Lithium-Schwefel-Batterien
Technische Universität Dresden

Gözde Öktem
Oligo(3-hexylthiophene) wires for needs of single-molecule nanoelectronics
Technische Universität Dresden

Hauke Rabbel
Generic aspects of polymers interacting with bilayer lipid membranes: Effects of charge and hydrophobicity
Technische Universität Dresden

Mathias Rohn
Strukturcharakterisierung photochemisch vernetzter tetra-PEG Hydrogele mit unterschiedlichem Aufbau
Technische Universität Dresden

Abgeschlossene Graduierungsarbeiten

Muhammad Tahir
Development of novel blends based on rubber and in-situ synthesized polyurethane-urea
Technische Universität Dresden

Kai Uhlig
Beitrag zur Anwendung der Tailored Fiber Placement Technologie am Beispiel von Rotoren aus kohlestofffaserverstärktem Epoxidharz für den Einsatz in Turbo-molekularpumpen
Technische Universität Dresden

Heather Weber
A starPEG-heparin hydrogel model of renal tubulogenesis
Technische Universität Dresden

Dan Xiao
Development and investigation of high-performance fire retardant polypropylene nanocomposites via high energy electrons
Technische Universität Dresden

Diplom- und Masterarbeiten

Jan Alexander
Einfluss von Metall-Nanopartikeln auf die optischen Spektren von Polymergrenz-schichten
Brandenburgische Technische Universität Cottbus- Senftenberg

Simon Baumgarte
Towards photocleavable surfactants for mild demulsification of droplet templates for microgel production and their use as cell culture substrates for rapid screening by FACS
Technische Universität Dresden

Susann Bobe
Die Bakterienzellform bestimmt das Adsorptionsverhalten an Oberflächen
Technische Universität Dresden

Dimitri Eigel
Oxygen-realisieing biomaterials for tissue engineering
Technische Universität Dresden

Felix Geringswald
Numerische und experimentelle Unter-suchungen des Deformationsverhaltens von in einer Silikonmatrix eingebetteten Kohle-faserheizstrukturen und lokalen Versteifungs-elementen
Technische Universität Dresden

Tina Helmecke
Development and testing of hydrogels with immune-modulatory properties
Brandenburgische Technische Universität Cottbus- Senftenberg

Anne Hennig
Herstellung neuer Hochtemperatur-Blends
Technische Universität Dresden

Franziska Hoppe
Synthesis of biohybrid biomaterials for applications in 3D in vitro neural precursor cell culture
Technische Universität Dresden

Abgeschlossene Graduierungsarbeiten

Thomas Junietz
Verhalten von Poly(propylencarbonat) bei Aufbereitung und Formgebung im Schmelzezustand
Technische Universität Dresden

Johanna Kerber
Untersuchungen der kontrollierten Beladung und Freisetzung von Modelsubstanzen in Polymersomen
Technische Universität Dresden

Steven Kluge
Verockerung der Spree: Entfernung von Eisensulfat mittels Biopolymeren
Brandenburgische Technische Universität Cottbus- Senftenberg

Leonie Kratsch
Weiterentwicklung einer Hybridisierungseinheit für Carbon- und Thermoplastfilamentgarne
Technische Universität Dresden

Anne-Katrin Leopold
Herstellung zähmodifizierter schmelzspinnbarer PA6/FKM-Blends mittels kontinuierlicher elektroneninduzierter reaktiver Aufbereitung
Technische Universität Dresden

Sean Oomen Mathew
Synthesis and characterization of thermoresponsive GAG containing IPN-cryogels for biomedical applications
Technische Universität Dresden

Jorge Jimenez Martinez
Microcages from self assembled oligopeptides
Technische Universität Dresden

Toni Müller
Computer simulations of the shear deformation of entangled and unentangled polymer networks
Technische Universität Dresden

Carolin Naas
Wechselwirkung von Poly (2-(methacryloyloxy) ethyl phosphorylcholin)-basierten Schichten mit speziellen Biomolekülen
Technische Universität Dresden

Florian Praße
Synthese und Charakterisierung von StarPEG-PSS-Hydrogelen
Hochschule Zittau/Görlitz

Gina Preiß
Verfahrenstechnische und werkstoffliche Untersuchung zur Schmelzspinnbarkeit unter reaktiver Bearbeitung von PLA Blends und Composites
Technische Universität Dresden

André Ruland
Synthese und Charakterisierung antimikrobieller Beschichtungen
Universität Ulm

Eric Samuelsson
Structuring of hydrogels for a multiplex diagnostic platform
Technische Universität Dresden

Lisa Schäfer
Characterization of malonyl-CoA synthetase (MatB) and immobilization on microgels for its use in micro(bio)reactors
Technische Universität Dresden

Michael Schult
Über die Auswirkung der Flüssigphasenexfolation unterschiedlicher Dispersionen auf den Permeationsgrad von Polymer-Graphen-Compositen
Brandenburgische Technische Universität Cottbus- Senftenberg

Benjamin Schur
Entwicklung eines alternativen Anbindungskonzepts für die Beschichtung von Metalloberflächen mit funktionellen Polymerfilmen
Hochschule für Technik und Wirtschaft Dresden

Abgeschlossene Graduierungsarbeiten

Christopher Schutzeichel
Etablierung selbst-protonierbarer Polymersome mittels verkapselter Enzyme
Technische Universität Dresden

Mohammed Shahadha
Cell-free in vitro transcription and translation in microgels crosslinked by DNA hybridization
Technische Universität Dresden

Cornelia Strübig
Wirkung rotierender Nanomotoren auf polymere Doppelstrang- und Netzwerksysteme
Technische Universität Dresden

Christian Taplan
Synthesis of polymer nanotubes for applications during drug delivery
Technische Universität Dresden

Markus Trampe
Einfluss von Dispergierhilfsmittel auf die Permeation von Graphene-PARA-Nanocompositen
Brandenburgische Technische Universität Cottbus- Senftenberg

Zhenfan Tian
Complex 3D structures based on 2 photon lithography
Technische Universität Dresden

Ji Wang
Hierarchically architectured carbon fiber with high specific mechanicel properties and hydrophobic surface
Technische Universität Dresden

Bachelorarbeiten

Georg Böhme
Synthese und Charakterisierung photovernetzbarer StarPEG-GAG-Hydrogele
Berufsakademie Riesa

Christopher Bönsch
Untersuchungen zur mechanischen Stabilität siliziumorganischer Sperrschichten bei Variation des Kohlenstoffgehalts
Hochschule für Technik und Wirtschaft Dresden

Emilia Halisch
Charakterisierung von Flockungsmitteln und deren Anwendung in der Wasseraufbereitung
Technische Universität Dresden

Melanie Müller
Produktion und Charakterisierung von starPEG-Heparin Hydrogelbeads
Berufsakademie Riesa

Laura Werner
Mehrphasige und Komposit-Hydrogelmaterialien für dreidimensionale Zellkultur-Anwendungen
Berufsakademie Riesa

Preise und Auszeichnungen

Prof. Gert Heinrich
Lifetime Achievement Award von Tire Technology International für sein Lebenswerk

Herr Professor Heinrich bei der Entgegennahme des Preises auf der Tire Technology Expo in Hannover (© Craig Marshall)

Prof. Brigitte Voit
Sächsischer Verdienstorden

Frau Professor Voit erhielt im Mai 2017 den Sächsischen Verdienstorden aus den Händen von Ministerpräsident Stanislaw Tillich (© Matthias Rietschel)

Prof. Brigitte Voit
COVESTRO Distinguished Lecturer an der Texas A&M University (TAMU)

Dr. Tobias König (©Jürgen Jeibmann)

Dr. Tobias A.F. König
Freigeist-Stipendium der VolkswagenStiftung für das Forschungsvorhaben „Unidirektionale Lichtpropagation in makroskopisch selbstassemblierten Verstärkungs- und Dämpfungsnanostrukturmaterialien“

Dr. Simone Gäbler
Röchling-Preis des Wissenschaftlichen Arbeitskreises der Universitätsprofessoren der Kunststofftechnik (WAK) für die Dissertation "Untersuchung des Anwendungspotentials der Hochfrequenzwirbelstrommesstechnik zur Charakterisierung dielektrischer Eigenschaften von Epoxidharzen und Faserverbundmaterialien"

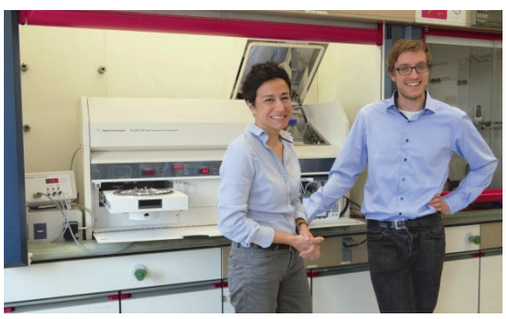
Frau Dr. Simone Gäbler bei der Preisübergabe gemeinsam mit dem Gewinner des Preises für die beste Master- bzw. Diplomarbeit sowie Herrn Mario Frericks von der Fa. Röchling (links) und Herrn Professor Michael Gehde, Sprecher des WAK (rechts) (© WAK-Kunstofftechnik.de)

JEC World Innovation Award, Kategorie Sport für das innovative Bauteil aus kohlenfaserverstärktem Kunststoff für einen Sportbogen gemeinsam mit Fakultät für Gestaltung an der Hochschule für Technik und Wirtschaft Dresden (HTW)

Dr. Axel Spickenheuer nimmt den JEC Award für das IPF gemeinsam mit Sophia Elschner (HTW Dresden) entgegen (©Theresia Förster)

Preise und Auszeichnungen

PD Dr. Albena Lederer, Dr. Josef Brandt
Innovationspreis des Leibniz-Instituts für Polymerforschung Dresden e. V. für die Entwicklung einer neuartigen chromatographischen Methode zur Echtzeit-Untersuchung von thermoresponsiven Polymerreaktionen (Temperaturabhängige Größenausschlusschromatographie)



Die Gewinner des Innovationspreises im Chromatographielabor des Instituts (© Sina Spröwitz)

Dr. Marco Werner
Doktorandenpreis 2016 des Vereins zur Förderung des IPF für die Dissertation "Interaction of polymers with self-assembled lipid blilayer membranes: Translocation and pore formation at balanced hydrophobicity"

Herr Dr. Marco Werner erhielt die Auszeichnung aus den Händen des Vorsitzenden des Fördervereins des IPF, Herrn Dr. Jens Rieger (BASF SE, 2.v.r.), flankiert von Frau Professor Brigitte Voit und Herrn Professor Jens-Uwe Sommer (© Sina Spröwitz)

Martin Wengenmayr
Professor-Franz-Brandstetter-Preis für die Masterarbeit „Computer simulations on dendrimers with modified terminal groups"

Herr Professor Franz Brandstetter (2.v.l.) überreichte den von ihm gestifteten Preis an Martin Wengenmayr, wiederum gemeinsam mit Professor Sommer und Frau Professor Voit (© Sina Spröwitz)

Dr. Christian Kuttner
ACS Nano Poster Award auf der International Conference on Self-Assembly in Confined Spaces (SACS), San Sebastián, Spanien für das Poster "Self-Assembled Plasmonic Core/Satellite Nanoclusters"
Autoren: R.P.M. Höller, M. Dulle, M. Mayer, A.M. Steiner, S. Thomä, St. Förster, A. Fery, M. Chanana, Ch. Kuttner

Dr. Petra Pötschke
Posterpreis auf der NanoCarbon Jahrestagung für das Poster „Melt mixed p- and n-type polymer-SWCNT composites for thermoelectric modules"
Autoren: J. Luo, B. Krause, P. Pötschke

Preise und Auszeichnungen

Max Schnepf
Posterpreis auf dem 13. Zsigmondy-Kolloquium der Deutschen Kolloidgesellschaft für das Poster „Tailored electric-field enhancement: Comprehending plasmonics of axisymmetric nanorattles"
Autoren: M. J. Schnepf, M. Mayer, Ch. Kuttner, M. Tebbe, M. Dulle, T. Altantzis, S. Förster, S. Bals, T. König, A. Fery

Max Schnepf (rechts) bei der Preisübergabe mit den Professoren des Wissenschaftlichen Komitees Guido Kickelbick, Marc Schneider und Tobias Kraus (v.l.n.r.) (© INM)

Inga Melnyk
Posterpreis auf der 31st Conference of the European Colloid and Interface Society für das Poster
"Mechanical characterization and adhesion properties of microcapsules"
Autoren: I. Melnyk, A. Ghaemi, A. Bauer, A. Hätzelt, O. Reichel, D. Mues, A. Fery

Inga Melnyk (rechts) mit einer weiteren Preisträgerin sowie dem Tagungspräsidenten Professor Enrique Lopéz Cabarcos und Professor Piotr Warszynski vom Internationalen Wissenschaftlichen Komitee (© ECIS)

Vaishali Chopra (externe Doktorandin im BiosmartTrainee-Projekt)
ACS Langmuir Poster Award auf der 15th European Conference on Organized Films 2017 für das Poster "Electrically tuned bioinspired adhesion"
Autoren: V. Chopra, R. Hensel, E. Arzt

Yvonne Spörer
Posterpreis auf der Europe Africa Conference der PPS für das Poster "Morphology-property behavior of semi-crystalline polymers in injection molded parts"
Autoren: Y. Spörer, C. Blanco, M. Zimmermann, I. Kühnert

Posterpreisträger des PPS-Konferenz, darunter als 2. Von links, Yvonne Spörer, gemeinsam mit Herrn Professor Udo Wagenknecht und Frau Dr. Petra Pötschke (Chairperson bzw. Co-Chairperson) (© Jan Domurath)

Janine Wolf
Auszeichnung als jahrgangsbeste Absolventin in der Ausbildung Chemielaborant/-in bei der Industrie- und Handelskammer Dresden (IHK)

Ehrung des IPF als ausgezeichneter Ausbildungsbetrieb

Dr. Günter Bruntsch (Präsident der IHK Dresden), Janine Wolf, Dr. Karin Sahre (Lehrausbilderin am IPF) , Michael Salomon (Schulleiter des Beruflichen Schulzentrums Meißen-Radebeul, Standort Radebeul) und Jochen Mann (Vorsitzender des Berufsbildungsausschusses) (v.l.n.r.) (© J. von Oheimb)

Wissenschaftleraustausch

IPF Fellows

Prof. Sergei A. Egorov
University of Virginia, Department of Chemistry, USA

Prof. Leonid Ionov
University of Georgia, USA

Prof. Hossein Ali Khonakdar
Iran Polymer and Petrochemical Institute, Iran

Prof. Barbara Klajnert-Maculewicz
Universität Lodz, Institut für Biophysik, Polen

Prof. Tilo Pompe
Universität Leipzig, Institut für Biochemie

Prof. Mathias Schubert
University of Nebraska-Lincoln, Department of Electrical Engineering, USA

Dr. Philipp Seib
Strathclyde University, Institute of Pharmacy and Biomedical Sciences, Glasgow, Großbritannien

Prof. De-Yi Wang
Madrid Institute for Advanced Studies of Materials, Madrid, Spanien

Gastwissenschaftler am IPF (Auswahl)

Humboldt-Stipendiaten

Dr. Kamlendra Awasthi
Malaviya Institute of Technology, Jaipur, Indien
Synthesis and characterization of ZnO and rare earth nanoparticles based on block copolymers
1.6.2017 bis 30.6.2017

Prof. Anastasia Elias
University of Alberta, Edmonton, Kanada
Polyhydroxybutyrate-CNT composite electrodes for sensing in microfluidic channels
17.08.2016 bis 31.08.2017

Dr. Chunhong Ye
Georgia Institute of Technology, Atlanta, USA
Dynamic tunable plasmonic activity from autonomic reconfigurable 3D micro-origami
3.12.2016 bis 31.1.2019

Dr. Charlene Ng
Commonwealth Scientific and Industrial Research Organisation, Canberra, Australien
Embedding Ag nanocubes for enhanced hot carrier extraction
30.10.2017 bis 29.2.2020
1.5.2017 bis 29.10. 2017 (nicht als Humboldt-Stipendiatin)

José Humberto Santos Almeida Junior
Universidade Federal do Rio Grande do Sul, Porto Alegre, Brasilien
Development of a 3D free fiber placement process based on a rapid consolidation of the thermoset matrix for manufacture of complex composite structures
1.4.2017 bis 31.3.2019

Dr. Ye Yu
Jilin University, State Key Laboratory of Supramelucuar and Materials, Changchun, China
Enhancing upconversion luminescence via strongly coupled plasmonic nanostructures with broken symmetry
1.10.2016 bis 30.9.2018

Dr. Xingjie Zan
School of Chemical and Biomolecuar Engineering, Atlanta, USA
Cross-linked capsules with independently tuned properties for multi-anticancer drugs delivery
1.9.2015 bis 28.2.2017

Prof. Xiuqin Zhang
Beijing Institute of Fashion Technology, Peking, China
Design of flame-retardant poly(lactic acid) fiber and structural properties
10.7. 2017 bis 30.8.2017

Fulbright-Stipendiatin

Prof. Kim Williams
Colorado School of Mines, Department of Chemistry, Golden, USA
Tunability of branching design and solution properties of hyperbranched polyethylene: An analytical and environmental chemistry challenge
4.9.2017 bis 4.10.2017

Wissenschaftleraustausch

Stipendiatin der Fundación Alfonso Martín Escudero

Dr. Silvia Moreno Pinilla
University of Alcalá, Spanien
Biologische Eigenschaften von supra-molekularen Biohybridstrukturen
11.2017 bis 31.12.2018

DAAD-Stipendiaten

Dr. Lyasan Amirova
Kazan National Research Technological University, Russland
Flame retardant continuous glass fiber reinforced toughened polypropylene composites
1.11.2016 bis 31.10.2017
1.11.2017 bis 28.2.2018 (nicht als DAAD-Stipendiatin)

Prof. Suryasarathi Bose
Indian Institute of Bangalore, Department of Materials Engineering, Indien
Electromagnetic shielding with polymer blend composites
9.11.2017 bis 12.12.2017

Dr. Svetalana Bratskaya
Russlandn Academy of Sciences, Institute of Chemistry, Vladivostok, Russland
Chitosan-based luminescent nanoparticles for sensing applications
1.12.2016 bis 31.1.2017

Dr. Umesh Gupta
Central University of Rajasthan, Bandar Sindri, Indien
Cyclodextrin based dendrimeric formulations for the effective management of severe acne vulgaris: A novel strategy for improved social status of isolated acne patients
15.5.2017 bis 14.7.2017

Arief Injamamul
Indian Institute of Science, Bangalore, Indien
Electromagnetic shielding with polymer blend composites
1.6.2017 bis 31.7.2017

Michele Magnozzi
Universitá di Genoa, Italien
Nanothermometer by template-assisted self-assembly of functional plasmonic nanoparticles
18.9.2017 bis 19.12.2017

Ragesh Prathapan
Monash Universiy, Institute of Graduate Research, Australien
Template mediated alignment of cellulose
15.7.2017 bis 28.8.2017

Prof. Juan Carlos Rueda Sánchez
Pontíficia Universidad Católica del Perú, Lima, Peru
Neue bisensitive Hydrogele für chemische Transistoren
2.2.2017 bis 26.2.2017
16.9. bis 30.9.2017

Dr. Subhan Salaeh
Prince of Sonkla University, Faculty of Science and Technology, Hat Yai, Thailand
Preparation and characterization of carbon nanotube-filled poly(vinylidene fluoride)/epoxidized natural rubber blends
1.10.2017 bis 30.4.2018

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Prof. Mahmoud Al-Hussein
The University of Jordan, Jordanien
Structure analysis of battery materials
20.7.2017 bis 5.9.2017

Dr. Shib Shankar Banerjee
Indian Institute of Technology, Patna, Indien
Novel fluorosilicone rubber/polyamide thermoplastic elastomeric vulcanizates prepared by electron induced reactive processing: unique strategy to develop morphology and functional properties
1.4.2016 bis 31.3.2017

Prof. Susanta Banerjee
Indian Institute of Technology, Kharagpur, Indien
Novel fluorosilicone rubber/polyamide thermoplastic elastomeric vulcanizates prepared by electron induced reactive processing: Unique strategy to develop morphology and functional Properties
15.5.2017 bis 14.7.2017

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Natasha Bates
University of Western Australia, Perth, Australien
Bacterial growth
6.11.2017 bis 17.11.2017

Adrien Berthault
Universitat Rovira i Virgili, Tarragona, Spanien
Monte Carlo simulations of lipid membranes
5.4.2017 bis 26.5.2017

Prof. Somendra Mohan Bhattacharjee
Institute of Physics, Bhubaneswar, Indien
Dynamics of DNA near melting
15.5.2017 bis 31.7.2017

Mohsen Sadeghi Bogar
University of Tehran, Iran
High performance PLA/MMT nanocomposites by reactive compounding
8.10.2017 bis 9.10.2018

Robert Ccorahua Santo
Pontífica Universidad Católica del Perú, Lima, Peru
pH- and temperature-responsive polymersomes for cargo post-encapsulation and release studies
6.8.2017 bis 31.10.2017

Rafael Ceña Diez
Hospital General Universitario Gregorio Marañon, Madrid, Spanien
Formation of biohybrid structures and their biological properties
15.5.2017 bis 14.7.2017

Tuhin Chatterjee
Indian Institute of Technology, Kharagpur, Indien
Characterization of high-performance TPVs
1.5.2017 bis 30.6.2017

Dr. Renata Choinska
Prof. Waclaw Dabrowski Institute of Agricultural and Food Biotechnology, Warschau, Polen
Enzyme-catalyzed polycondensation of biobased monomers deriving from lignin
15.1.2017 bis 14.4.2017

Maciej Chudak
Technische Universität Eindhoven, Niederlande
Physics of adhesion to wet and icy surfaces
25.3.2017 bis 7.4.2017

Dr. Rafael Jesús Contreras-Cáceres
University of Malaga, Spanien
Plasmonic metamaterials based on metal nanoprisms with sensing, catalytic and CO_2 fixation capabilities
1.9.2016 bis 31.8.2017

Gabriel Glantz Coren
University of California, Berkeley, USA
New materials for life: Experimentation with biocompatibles at the Biopolis Dresden, Deutschland
13.3.2017 bis 1.2.2018

Dr. Aleksandra Ivanoska Dacikj
Macedonian Academy of Sciences and Arts, Skopje, Mazedonien
Obtaining bioactive, elastic electrospun polyurethane (PU)/graphene oxide (GO) grafts for tissue scaffolds
1.6.2017 bis 30.6.2017

Prof. Thi Thu Loan Doan
Danang University of Science and Technology, Danang, Vietnam
Electron induced reactive processing of biopolymer blends and natural fiber reinforced biopolymers
1.8.2017 bis 30.9.2017

Luiza dos Santos Conejo
Universidade de São Paulo, Brasilien
Processing and characterization of alcohol furfuryl resin/CNT/carbon fiber multifunctional composite
1.4.2017 bis 31.12.2017

Dr. Arghya Dutta
Université de Strasbourg and CNRS-UPR 22, Frankreich
Molecular motors in polymer networks
10.10.2017 bis 28.2.2018

Dr. Joyeeta Dutta
Indian Institute of Technology, Kharagpur, Indien
Electron-beam irradiated TPE nanocomposites
1.7.2017 bis 31.12.2017

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Mahsa Ebadi
Uppsala University, Department of Chemistry, Uppsala, Finnland
Molecular dynamics simulation of a lithium based battery
1.11.2017 bis 30.11.2017

Kristina Enders
Leibniz-Institut für Ostseeforschung Warnemünde, Deutschland
Identifizierung von marinen Mikroplastik-Proben mittels FTIR und Raman-Spektroskopie
15.5.2017 bis 24.5.2017

Prof. Stoyko Fakirov
University of Auckland, Australien
Nanofibrillar single polymer composites
1.8.2017 bis 30.8.2017

Dr. Silvan Francke
Technische Universität Dresden, Medizinische Fakultät, Deutschland
3D hydrogel-based and surface anchored tissue mimetic matrices as in vitro models to study the hematopoietic stem cell niche in myelodysplastic syndromes
1.4.2016 bis 30.9.2017

Dr. Satoshi Fujita
University of Fukui, Japan
Nanoscaffolds for tissue engineering
28.2.2017 bis 30.4.2017

Neffer Arvey Gómez Gómez
Universidade Federal do Paraná, Curitiba, Brasilien
Multipurpose LDH polyethylene nanocomposites
1.6.2017 bis 31.12.2017

Dr. Guilaume Greyling
Stellenbosch University, Südafrika
Untersuchungen an Polymersomen mit AF4 und komplementären Methoden
15.6.2017 bis 14.9.2017

Dr. Ken Harris
University of Alberta, Department of Mechanical Engineering, Edmonton, Kanada
Transfer of colloids from wrinkled templates to plastic substrates
17.8.2016 bis 16.8.2017

Prof. Jaroslaw Ilnytskyy
Lviv National University, Institute of Condensed Matter Physics, Ukraine
Light-controlled diffusion and aggregation of azobenzene-functionalised oligomers and nanoparticles in solution
1.4.2017 bis 31.5.2017

Katalee Jariyavidyanont
Martin-Luther Universität Halle-Wittenberg, Deutschland
Crystallization and melt behavior of polymers
22.2.2017 bis 28.2.2107

Dr. Nandakumar Kalarikkal
Mahatma Gandhi University, Kerala, Indien
Optical and thermal properties of selected ternary amorphous semiconductors
12.9.2017 bis 16.9.2017

Müslüm Kaplan
Bartin University, Bartin, Türkei
Melt-mixed composites containing nanocarbon materials
31.7.2017 bis 30.8.2017

Dr. Jaroslaw Klos
Adam Mickiewicz University, Faculty of Physics, Poznan, Polen
Dendritic brushes in external electric fields
2.5.2017 bis 30.9.2018

Eleftherios Koufakis
University of Crete, Heraklion, Griechenland
Friction measurements on polymer brushes
20.8.2017 bis 20.11.2017

Prof. Elena Kramerenko
Moscow State University, Moskau, Russland
Analyzing theoretical predicted phase diagrams of magneto-sensitive elastomers in external magnetic fields
30.10.2017 bis 4.11.2017

Prof. Rebecca Y. Lai
University of Nebraska-Lincoln, Department of Chemistry, USA
Development of new optoelectrochemical techniques and polymer-based nanomaterials for biosensing applications
3.9.2017 bis 27.9.2017

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Cheng-Wu Li
Xiamen University, Department of Physics, China
Polyelectrolyte brushes in external fields
1.9.2017 bis 30.11.2017

Zhi Li
Madrid Institute for Advanced Studies of Materials, Madrid, Spanien
High performance multifunctional fire retardant polymer nanocomposites
1.6.2017 bis 31.8.2017

Dr. Zhiqi Liu
Chinese Academy of Sciences, Qinghai Institute of Salt Lakes, China
Development of sophisticated synthesis route to uncommon LDH structures for UV-applications
17.3.2016 bis 22.11.2017

Amy Mantz
University of Nebraska-Lincoln, Department of Electrical Engineering, USA
Cell-STF interactions monitored by birefringence microscopy and SEM
29.5.2017 bis 8.7.2017

Dr. Marcela Mihai
Romanian Academy, Petru Poni Institute of Macromolecular Chemistry, Iasi, Rumänien
Studies on hollow capsules based on calcium carbonate and polymers
5.5.2017 bis 20.5.2017

Jonathan Martin Millican
University of Durham, Großbritannien
Synthesis and analysis of bio-inspired functional adhesive co-polymers
25.10.2017 bis 25.12.2017

Dr. Debasish Mondal
University of Massachusetts, Amherst, USA
Theory and simulation of transport and diffusion of macromolecules in structured environments
1.11.2016 bis 31.10.2017

Dr. Maria Montagna
Sapienza University of Rome, Department of Chemistry, Italien
Computer simulations of azobenzene-based photosensibilisers of polymers
1.10.2016 bis 30.9.2017

Dr. Daichi Morimoto
Kyoto University, Japan
NMR investigations on protein orientation
27.1.2017 bis 31.3.2017

Timur Nadzharyan
Moscow State University, Moskau, Russland
Analyzing theoretical predicted phase diagrams of magneto-sensitive elastomers in external magnetic fields
30.10.2017 bis 4.11.2017

Jirawat Narongthong
Mahidol University, Salaya, Thailand
Ionic liquid assisted dispersion of CNTs in SBR-rubber
16.8.2017 bis 30.1.2018

Prof. Kinsuk Naskar
Indian Institute of Technology, Kharagpur, Indien
Correlation between morphology and mechanical properties in high-performance thermoplastic elastomers
15.5.2017 bis 14.7.2017

Tim Oddoy
Saxonia R+D GmbH&Co KG, Deutschland
Entwicklung silikonhaltiger Membranen
19.9.2016 bis 31.3.2018

Dr. Maria da Conceição J. R. Paiva
Universidade do Minho, Braga, Portugal
Thermal properties of polymer/carbon nanoparticle composites
1.6.2017 bis 30.6.2017

Dr. Angela Pannier
University of Nebraska-Lincoln, Department of Chemistry, USA
Guiding of cell proliferation by 3D nanostructures
29.5.2017 bis 8.7.2017

Dr. Darin I. Peev
University of Nebraska-Lincoln, Department of Chemistry, USA
Implementation and testing of the Müller-matrix-microscope for microfluidic measurements
1.8.2017 bis 30.9.2017

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Dr. Dmitry Pergushov
Moscow State University, Moskau, Russland
Herstellung und Charakterisierung von Polyelektrolytkomplexen
4.1.2017 bis 10.1.2017

Dr. Emiliana Perillo
Université Francois-Rabelais de Tours, Frankreich
Biological properties of supramolecular organic hybrid structures
16.5.2016 bis 15.5.2017

Dr. Tatjana O. Petrova
Cherepovets State University, Chair of Physics, Russland
Orientation dynamics in azobenzene-containing polymers under light illumination
15.6.2017 bis 30.7.2017
16.10.2017 bis 30.11.2017

Roger Quispe Dominguez
Pontífica Universidad Católica del Perú, Lima, Peru
Interrelation of compounding and shaping processes on mechanical and thermal properties of composites
1.10.2017 bis 30.3.2018

Nicolo Razza
Politecnico di Torino, Italien
Bimetallic Pt/Au Janus nanoparticles as 'smart' self-electrophoresis nanomotors
7.1.2017 bis 30.1.2017

Ana Belén Ruiz Muelle
Universidad de Almería, Spanien
Incorporation of metal nanoparticles on polymer brushes for catalytic investigations
1.10.2017 bis 28.2.2018

Konstans Ruseva
Sofia University "St. Kliment Ohridski", Sofia, Bulgarien
Application of the asymmetrical flow field-flow fractionation (AF4) for polymeric drug delivery systems
25.9.2017 bis 8.10.2017

Sucharita Sethy
Indian Institute of Technology, Delhi, Indien
Studies on micromechanics, rheological and electrical behaviour of pPolyamide-12/MWCNT based composites
22.9.2017 bis 17.12.2017

Dr. Lenin S. Shagolsem
National Institute of Technology, Manipur, Indien
Thin-films of linear and cyclic co-polymer blend
25.6.2017 bis 25.7.29017

Dr. Larisa Sigolaeva
Moscow State University, Moskau, Russland
Zetapotentialmessungen an planaren Schichten
4.1.2017 bis 10.1.2017

Dr. Pritish Sinha
National Institute of Standards and Technology, Gaithersburg, USA
New developments in liquid adsorption chromatography for investigation of dynamic polymer systems
4.5.2016 bis 30.4.2017

Paul Michael Slattum
Nano Institute of Utah, Salt Lake City, USA
Synthesis and characterization of perylene based molecules and study of their self-assembly into nanofibrils, enabling interfacial sensing of chemically inactive species
1.3.2016 bis 28.2.2018

William C. Smith
Colorado School of Mines, Department of Chemistry, Golden, USA
Dendritic polyethylene and dendronized polymers: Synthesis and molecular properties characterization
4.9.2017 bis 4.10.2017

Prof. Kenji Sugase
Kyoto University, Japan
NMR investigations on protein orientation
17.3.2017 bis 27.3.2017

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Dr. Christoph Tondera
Technische Universität Dresden, BIOTEC, Deutschland
Entwicklung leitfähiger Hydrogele und Cryogele
1.6.2017 bis 31.5.2018

Dr. Bijay Tripathy
Indian Institute of Technology, Delhi, Indien
Aqueous organic redox flow batteries based on tailor-made small organic molecules and nanoporous Janus membranes
13.6.2017 bis 12.7.2917

Prof. Ludovico Valli
University of Salento, Lecce, Italien
Nanoparticles for fluorescence applications
14.7.2017 bis 21.7.2017

Ana Lavinia Vasiliu
Romanian Academy, Petru Poni Institute of Macromolecular Chemistry, Iasi, Rumänien
Loading/release studies involving CaCO3/ polymer hollow capsules
7.5.2017 bis 20.5.2017

Dr. Erik Walinda
Kyoto University, Japan
NMR investigations on protein orientation
17.3.2017 bis 27.3.2017

Juanjuan Wang
Tianjin University, China
Patterning surfaces on soft matter films via printing-based techniques combined with surface wrinkling
1.11.2017 bis 31.10.2018

Ruosong Wang
Chinese Academy of Sciences, Key Laboratory of Bio-Medical Diagnostics, China
Surface plasmon enhanced upconversion based on Ln-doped nanoparticles
1.7.2017 bis 30.6.2018

Jeremy Wong
University of Toronto, Kanada
Design of drug delivery systems based on polyelectrolyte complex nanoparticles
15.5.2017 bis 14.8.2017

Hongyi Xiao
Beijing Normal University, Department of Physics, China
Computer simulations of crystallization of mixtures of cyclic and linear polymers
7.11.2016 bis 18.4.2017

Prof. Peijun Xu
Changan University, Xian, China
Nanostructured functional polymer composites
1.11.2016 bis 1.11.2017

Bin Yu
Donghua University, Shanghai, China
Nanostructured functional polymer composites
1.10.2016 bis 30.4.2017

Dr. Serge Zhandarov
Academy of Sciences of Belarus, Metal Polymer Research Institute, Gomel, Weißrussland
Adhesive strength evaluation with micro-mechanical tests on model composites: Review and comparison of different approaches and experimental equipment
14.10.2017 bis 20.12.2017

Dr. Yuancong Zhao
Southwest Jiaotong University, Chengdu, China
Set-up and comparison of various technologies for immobilization of anticoagulant and/or endothelial progenitor cell capturing molecules
28.2.2016 bis 19.2.2017

Yanjun Zheng
Zhengzhou University, China
Characterization of CPC for strain sensing applications
1.11.2017 bis 31.1.2018

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Gaststudenten (Auswahl)

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Pritham Adhikary
Indian Institute of Technology, Indien
Nano-mechanical investigation of responsive gel-particles
1.9.2017 bis 31.3.2018

Swarup Krishna Bhattacharyya
Indian Institute of Technology, Indien
Bioinspired material design at self-organized oligopeptide membranes
1.9.2017 bis 31.3.2018

Jose Carlos Curihuaman Rojas
Pontíficia Universidad Católica del Perú, Lima, Peru
Neue bisensitive Hydrogele für chemische Transistoren
16.9.2017 bis 14.11.2017

Suman Kumar Gosh
Indian Institute of Technology, Indien
Characterization of dissipation and damage in unfilled and filled rubber as well as thermoplastic elastomers by thermography
1.10.2017 bis 31.3.2018

Mohit Kumar
Indian Institute of Technology, Indien
Guided modes by directed self-assembly of plasmonic nanoparticles for applications in light harvesting
1.9.2017 bis 31.3.2018

Robins Kumar
Indian Institute of Technology, Indien
Nanomechanical characterization of responsive microgels and core/shell nanoparticles
1.9.2017 bis 31.3.2018

Kajari Mazumder
Indian Institute of Technology, Indien
Preparation of high refractive index (HRI) polymer nanocomposite for better light outcoupling from OLED
1.9.2017 bis 31.3.2018

Hiron Raja Padmanathan
Indian Institute of Technology, Indien
Characterization of damage in unfilled and filled rubber under constraint geometry by dilatometry
1.10.2017 bis 31.3.2018

Priyanka Sharan
Indian Institute of Technology, Indien
Permeable polymersomes membrane for enzymatic reactions at neutral pH
1.9.2017 bis 31.3.2018

ERASMUS-Stipendiat

Mohamed Nadir
University of Sassari, Department of Chemistry and Pharmacy, Italien
Characterization of polymeric materials
15.7.2017 bis 15.9.2017

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Inge Bos
Wageningen University, Niederlande
Irreversible adsorption of oligomers in polymer brushes
22.52017 bis 31.10.2017

Riccardo Carloni
Universita degli studi di Urbino "Carlo Bo", Italien
Synthesis and characterization of dendritic glycopolymers for biomedical purposes aiming to care Alzheimer and tumor diseases
6.2.2017 bis 17.4.2017

Guillermo Mur Doménech
Universitat Ramon Llull, Spanien
Additive manufacturing of microfluidic flow cells from stimuli-sensitive, multifunctional resins
1.5.2017 bis 31.10.2017

Bianca Gevers
University of Pretoria, Südafrika
Development of catalytically active LDH structures
30.6.2017 bis 12.8.2017

Naoto Iwakawa
Kyoto University, Japan
NMR rheology
17.3.2017 bis 27.2.2017

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Denise Mödder
Ecole Polytechnique Federale de Lausanne, Schweiz
Additive Fertigung von Hydrogelen (3D-Druck) und Strukturierung von Hydrogelen mittels Mikrokontaktabformung
24.4.2017 bis 30.9.2017

Denitsa Nikolova
Sofia University "St. Kliment Ohridski", Bulgarien
Application of the asymmetrical flow field-flow fractionation (AF4) for polymeric drug delivery systems
25.9.2017 bis 8.10.2017

Kyoichi Sugahara
Hokkaido University, Graduate School of Engineering, Japan
Development of numerical methods for vibration optimization of variable-axial composite structures made by Tailored Fiber Placement
1.10.2017 bis 31.12.2017

Gerald Wala Ryland
Arizona State University, USA
Identification and quantification of microplastic and aquatic systems with RAMAN microscopy
12.6.2017 bis 4.8.2017

Suji Mary Zachariah
Indian Institute of Technology, Indien
Solid State NMR
1.11.2017 bis 30.4.2018

Arbeitsaufenthalte von IPF-Mitarbeitern (Auswahl)

Aufenthalte am Deutschen Elektronen-Synchrotron DESY, Hamburg
Development and implementation of a user-friendly setup for temperature-dependent in-situ quasi-static, dynamic and impact tensile experiments coupled with SAXS and WAXS for application at the MiNaXS-Beamline P03
Baobao Chang
19.4. 2017 bis 23.4.2017
17.8. 2017 bis 21.8.2017
Dr. Ricardo Bernhardt
7.8.2017 bis 21.8.2017
Jan Domurath
20.4.2017 bis 24.4.2017
17.8.2017 bis 21.8.2017
Eric Euchler
19.4.2017 bis 23.4.2017
17.8.2017 bis 21.8.2017
Dr. Konrad Schneider
19.04.2017 bis 23.04.2017
17.08.2017 bis 21.08.2017
Lutz Zybell
19.4. 2017 bis 23.4.2017
17.8.2017 bis 21.8.2017

Dr. Dieter Fischer
Bulgarian Academy of Sciences, Institute of Organic Chemistry and National Academy of Art, Faculty of Applied Arts, Sofia, Bulgarien
Creation of specialized electronic library for art investigation, identification and conservation of Bulgarian cultural heritage
4.9.2017 bis 9.9.2017

Dr. Ralf Frenzel
Firma Sambol IBS GmbH, Radolfzell
Entwicklung eines innovativen Kombinations-verfahren aus Reinigung und permanentem Silberanlaufschutz (ZIM-Projekt)
9.10.2017 bis 12.10.2017

Nicolas Hauck
Leibniz-Institut für Pflanzenbiochemie, Halle
Mehrkomponentenreaktion zur Synthese neuartiger Hydrogele (Leibniz Research Cluster)
7.8.2017 bis 10.8.2017

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Tony Köhler
Leibniz-Institut für Naturstoff-Forschung und Infektionsbiologie e.V., Hans-Knöll-Institut, Jena
Herstellung von Fusionsproteinen (Leibniz Research Cluster)
19.6.2017 bis 23.6.2017

Dr. Albena Lederer
Sofia University, Faculty of Chemistry and Pharmacy, Sofia, Bulgarien
Application of the asymmetrical flow field-flow fractionation (AF4) for polymeric drug delivery systems (gemeinsames Projekt gefördert von DAAD und National Science Fund Bulgarien)
13.2.2017 bis 20.2.2017
1.10.2017 bis 12.10.2017

Dr. Albena Lederer
Stellenbosch University, Department of Chemistry and Polymer Science, Stellenbosch, Südafrika
Thermal field-flow fractionation and Advanced methods for polymer separation and characterization
14.4.2017 bis 22.4.2017
25.11.2017 bis 3.12.2017

Dr. Albena Lederer
Bulgarian Academy of Sciences, Institute of Organic Chemistry and National Academy of Art, Faculty of Applied Arts, Sofia, Bulgarien
Creation of specialized electronic library for art investigation, identification and conservation of Bulgarian cultural heritage
1.9.2017 bis 9.9.2017

Dr. Holger Merlitz
Xiamen University, Physics Department, Xiamen, China
Molecular dynamics simulation and mean field theory of polymer brushes
26.6.2017 bis 31.7.2017

Felix Müller
Brandenburgische Technische Universität Cottbus-Senftenberg, Senftenberg
Entwicklung nachhaltig wirkender Anti-Biofouling-Beschichtungen
20.3.2017 bis 7.4.2017

Franziska Obst
Pontíficia Universidad Católica del Peru, Dirección de Gestión de la Investigación, Laboratorio de Polimeros, Sección Fisica
Synthesis of poly(2-oxazoline) macro-monomers and hydrogel formation by photopolymerization
1.11.2017 bis 14.12.2017

Dr. Petra Pötschke
University of Minho, Institute for Polymers and Composites/I3N, Guimarães, Portugal
Sensing and thermoelectric properties of polymer-CNT composites
13.3.2017 bis 15.3.2017

Dr. Jürgen Pionteck
Indian Institute of Science, Department of Materials Engineering, Bangalore, Indien
EMI shielding of CNT containing polymer blends (gemeinsames Projekt gefördert von Department of Science & Technology (DST) of India und DAAD)
21.3.2017 bis 11.4.2017

Dr. Jürgen Pionteck
Donghua University, State Key Laboratory of Chemical Fibers and Polymer Materials, Shanghai, China
Polymer carbon composites for vapor sensing
17.10.2017 bis 27.10.2017

Dr. Haisong Qi
College of Chemistry and Molecular Sciences in Wuhan University, Natural Polymers and Polymer Physics Group, Wuhan, Hubei, China
Cellulose-based fiber spinning and preparation of of cellulose-based smart papers
30.6.2017 bis 1.12.2017

Piotr Rzeczkowski
Indian Institute of Science, Department of Materials Engineering, Bangalore, India
EMI shielding of CNT containing polymer blends (DST-DAAD-Project)
15.9.2017 bis 15.11.2017

Dr. Lars Renner
Institut Pasteur, Paris, Frankreich
Evolution of bacterial cell shape (gemeinsames Projekt gefördert von VolkswagenStiftung)
24.4.2017 bis 30.4.2017

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Dr. Lars Renner
University of Wisconsin-Madison, USA
Point-of-care diagnostics for plant viruses (gemeinsames Projekt gefördert von VolkswagenStiftung)
8.5.2017 bis 14.5.2017

Dr. Ulrich Scheler
Nanjing University of Science & Engineering, Nanjing, Jiangsu Province, China
Solid-State NMR in material research, Polyelectrolytes and counterion condensation
15.8.2017 bis 22.08.2017

Dr. Ulrich Scheler
Leibniz-Institut für Molekulare Pharmakologie Berlin
Polymers, size, charge and binding from PFG-NMR, Solid-state NMR of polymers: Structure, dynamics, order
18.9.2017 bis 22.09.2017

Dr. Ulrich Scheler
Kyoto University, Japan
Magnetic resonance studies of complex polymer materials: Charges, interfaces and external forces
21.10.2017 bis 28.10.2017

Maximilian Seuß
Lund University, Physical Chemistry Department, Lund, Schweden
Characterization and self-assembly of shape-shifting photocrosslinked responsive capsules
18.9.2017 bis 18.12.2017

Ugo Sidoli
École supérieure de physique et de chimie industrielles de la ville de Paris, Frankreich
Underwater tack testing: Study of electrostatic interactions between responsive polymer brushes and electrolyte hydrogels
4.12. bis 15.12.2017

Dr. Axel Spickenheuer
Tokai Industry, Nagoya
Universität Gifu, Gifu
Universität Hokkaido, Sapporo
Sumitomo Rubber Industry (SRI), Kobe
Kyushu Institute of Technology (Kyutech), Kitakyushu
Toyota Central Research & Development Labs. Inc., Nagoya
Universität Kyoto, Kyoto, Japan
Recent developments in simulation and processing of composite structures made by Tailored Fiber Placement
12.6.2017 bis 7.7.2017

Chanfei Su
Institut Charles Sadron, CNRS, Strasbourg, Frankreich
Numerical simulation of oxidized membranes interacting with nanoparticles
13.2.2017 bis 12.3.2017

Dr. Julian Thiele
Yonsei Institute of Convergence Technology, Korea
University of Hongkong, China
Nanyang Technical University, Singapur
Additive manufacturing (Einrichtung eines Forschungsnetzwerkes Dresden4 Asia, BMBF-gefördert)
18.1.2017 bis 29.1.2017

Dr. Cordelia Zimmerer
Vilnius University, Department of General Physics and Spectroscopy, Litauen
New insights into polymer chemistry and polymer analysis (Erasmus-Programm)
2.10.2017 bis 7.10.2017

Wissenschaftliche Veranstaltungen

Das IPF war Ausrichter bzw. Mitveranstalter folgender wissenschaftlicher Tagungen und Workshops (Details auf www.ipfdd.de/de/veranstaltungen/conferences-and-workshops)

BioSmartTrainee Training Event
"Advances of adhesion science: Aspects of polymers on surfaces, biological adhesion and multi-scale mechanic problems"
21. bis 24. März 2017, Dresden

Workshop "Frontiers of Rubber Science and Technology"
4. und 5. Mai 2017, Dresden

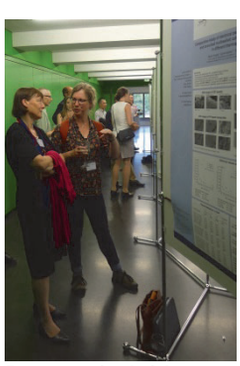
8th North European Rubber PhD-Seminar
8. bis 10. Mai 2017

Teilnehmer des Rubber PhD Seminars (© René Jurk)

26. Seminar "Kunststoffrecycling in Sachsen"
16. Mai 2017, Dresden

Europe Africa Conference 2017 of the Polymer Processing Society (PPS)
26. bis 29. Juni 2017, Dresden

Auditorium während einer Plenarsitzung bei der PPS Europe Africa Conference (© Sina Spröwitz)



Postersession bei der CNPComp2017 (© Kerstin Wustrack)

7th International Conference on Carbon NanoParticle Based Composites (CNPComp2017)
26. bis 28. Juni 2017, Dresden

Summer School
"Micromotors from Nature to Engineering"
13. bis 19. August 2017, Dresden

15th European Conference on Organized Films
17. bis 20. Juli 2017, Dresden

Eröffnung der ECOF 2017 durch Professor Andreas Fery

12th International Symposium on Electrokinetics (ELKIN 2017)
"Electrosurface Phenomena in Advanced Materials and Soft Matter"
10. bis 12. September 2017, Dresden

Zu Gast auf der ELKIN 2017 war auch Professor Hans Lyklema, Nestor der Symposia und eine der Schlüsselfiguren der Kolloid- und Grenzflächenforschung, kurz vor seinem Tod im Oktober 2017 (© Georg Böhm)

4. Sitzung der Arbeitsgemeinschaften „Matrices" und „Faser-Matrix-Haftung" des Carbon Composites e.V.
15. September 2017, Augsburg

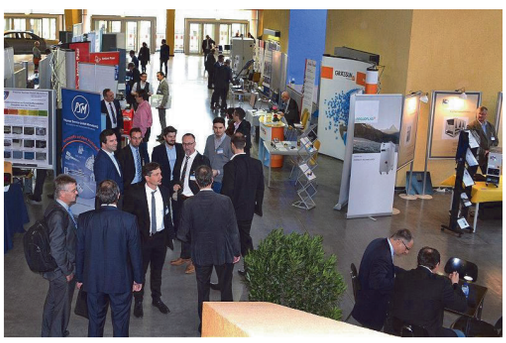
Workshop "Advanced Material Science" der Leibniz Gemeinschaft und der Japan Science and Technology Agency (JST)
20. bis 22. September 2017, Dresden

Engineering Life 2017 Symposium:
"FORM and FUNCTION"
19. und 20. Oktober 2017, Dresden

Wissenschaftliche Veranstaltungen

25. Neues Dresdner Vakuumtechnisches Kolloquium
im Rahmen der V2017 Industrieausstellung und Workshop-Woche Vakuumbeschichtung und Plasmaoberflächentechnik
24. Oktober 2017, Dresden

TECHNOMER
25. Fachtagung über Verarbeitung und Anwendung von Polymeren
9. und 10. November 2017, Chemnitz



Industrieausstellung und Pausendiskussionen zur TECHNOMER in Chemnitz (© Marios Constantinou, TU Chemnitz)

AFM-IR Workshop: Nanoscale IR Spectroscopy mit Anasys Instruments GmbH und Physical Electronics GmbH
29. November 2017, Dresden

Aachen-Dresden-Denkendorf International Textile Conference
30. November bis 1. Dezember 2017, Stuttgart

Plenarveranstaltung der ersten Textiltagung, die in Stuttgart stattfand, nachdem zu den Partnern aus Dresden und Aachen die aus Denkendorf hinzugekommen sind. (© DITF)

Wissenschaftliche Kolloquien

Dr. Alexander Alexeev
Georgia Institute of Technology, George W. Woodruff School of Mechanical Engineering, Atlanta, USA
Understanding micromechanics of microgels using mesoscale simulations
24. Juli 2017

Dr. Günter Auernhammer
Max-Planck-Institut für Polymerforschung, Mainz
Dynamic dewetting: contact angles, flow profiles and surface rheology
31. Juli 2017

Prof. Herbert Baaser
Technische Hochschule Bingen, Professur für Technische Mechanik
Statisches und dynamisches Elastomer-Verhalten-Modellierung, Kalibrierung und Simulation
8. Dezember 2017

Prof. Marcela Bilek
University of Sydney, School of Physics, Australien
Simple one-step macromolecular functionalisation of surfaces enabled by plasma ion implantation: Fundamentals and applications
11. Dezember 2017

Dr. Svetlana Bratskaya
Russian Academy of Sciences, Far Eastern Branch, Institute of Chemistry, Vladivostok, Russland
Chitosan-based functional materials: From metal ions sorption to optics and catalysis
27. Januar 2017

Dr. Svetlana Bratskaya
Russian Academy of Sciences, Far Eastern Branch, Institute of Chemistry, Vladivostok, Russland
Chitosan-based materials for optical applications
19. September 2017

Dr. Laura Bray
Queensland University, Institute of Health and Biomedical Innovation, Australien
Development of three dimensional culture models to study cancer development and metastasis
28. Juli 2017

Prof. Josef Breu
Universität Bayreuth, Lehrstuhl für Anorganische Chemie
Synthetic clay minerals: Materials chemistry in two dimensions
13. Juli 2017

Prof. Walther Burchard
Albert-Ludwigs-Universität Freiburg, Institut für Makromolekulare Chemie
Light scattering on the test bench
Part I: Effects of excluded volume interaction
Part II: Effects of high polymer concentrations
27. Juni 2017

Dr. Pavel Cherepanov
University of Melbourne, Department of Chemical Engineering, Parkville, Australien
Redox behaviour of a gallic acid/Fe^{III} metal-phenolic network
20. September 2017

Dr. Jacopo Ciambella
Sapienza University of Rome, Italien
Magneto-elastic instabilities in soft-actuators
24. Oktober 2017

Prof. Alex Dommann
EMPA, Swiss Federal Laboratories for Materials Science and Technology, Schweiz
Materials meet life @ EMPA
17. November 2017

Prof. Anastasia Elias
University of Alberta, Edmonton, Kanada
Biosensors based on degradable polymers and composites
15. Juni 2017

Prof. Katherina Fernández Elgueta
University of Concepción, Chile
Development of an aerogel based on graphene oxide (GO) and polyvinyl alcohol (PVA) with potential of transdermal use
23. Juni 2017

Verónica Fernández-Luna
University of Strathclyde, Glasgow, Schottland
Honeycomb structure formation in spin-coated polymer films
24. April 2017

Wissenschaftliche Kolloquien

Dr. Satoshi Fujita
University of Fukui, Japan
Potential of electrospun nanofibers as biomimetic material
13. April 2017

Prof. Petrik Galvosas
Victoria University of Wellington, Neuseeland
Shear banding and structural transitions in complex fluids as studied with Rheo-NMR
18. Juli 2017

Dr. Amir Gheisi
Springer Nature, Database Research Group, Heidelberg
Nano - Plenty of room at the bottom but how to find the data droplet in the content ocean
7. Juni 2017

Michael Gorzkiewicz
University of Lodz, Faculty of Biology and Environmental Protection, Polen
Dendrimers as drug delivery devices for nucleoside analogues
12. Januar 2017

Prof. Umesh Gupta
Central University of Rajasthan, Department of Pharamacy, Sagar, Indien
Multi-functional Nano-therapeutic Systems for the Advanced Cancer and Other Disorders
11. Juli 2017

Dr. Martin D. Hager
Friedrich-Schiller-Universität Jena, Center for Energy and Environmental Chemistry
Redox-flow batteries: From small molecules to polymers
23. Februar 2017

Prof. Gert Heinrich
IPF, Institut Polymerwerkstoffe
Formation and temporal changes of filler structures in rubbers: Learning from game theory, complex systems and emergentism
15. November 2017

Katja Heppe
BioLog Heppe GmbH, Landsberg
Chitosan- kationisches Polymer mit zukunftsorientierten Anwendungsspektren
12. Juni 2017

Prof. Diethelm Johannsmann
Technische Universität Clausthal, Institut für Physikalische Chemie
Soft interfaces studied with the quartz crystal microbalance
24. Oktober 2017

Elisha Krieg
Harvard Medical School , Department of Biological Chemistry and Molecular Pharmacology, Boston, USA
Programmable DNA-based nanomaterials and devices for molecular biology and biophysics
4. Mai 2017

Olivier Lafon
Ecole Nationale Supérieure de Chimie de Lille Cité Scientifique, Villeneuve d´Ascq, Frankreich
NMR of inorganic and hybrid materials
16. Oktober 2017

Dr. Rebecca Y. Lai
University of Nebraska-Lincoln, Department of Chemistry, USA
Folding- and dynamics-based electrochemical biosensors
20. September 2017

Dr. Katharina Maniura
EMPA, Swiss Federal Laboratories for Materials Science and Technology, Schweiz
Design concepts for nanocelluloses with a biomedical function
17. November 2017

Sebastian Mayer
Technische Universität München, Arbeitsgruppe Wassertechnologie, Freising
Anwendung von Mikro-Adsorbentien zur Entfernung von Halb- und Schwermetallionen aus Trinkwasser
22. August 2017

Prof. Zoltan Major
Johannes-Kepler Universität, Institute of Polymer Product Engineering, Linz, Österreich
Design and dimensioning of TPE components by various experimental and simulation methods
04. Oktober 2017

Wissenschaftliche Kolloquien

Dr. Marcela Mihai
"Petru Poni" Institute of Macromolecular Chemistry of Romanian Academy, Iasi, Rumänien
Microcapsules based on calcium carbonate and pH-sensitive
19. Mai 2017

Dr. Yogendra Kumar Mishra
Christian-Albrechts-Universität zu Kiel, Institut für Materialwissenschaft
Flame made complex shaped nanostructures for advance 3D composites and smart technologies
18. Mai 2017

Manuel Morais
Fraunhofer ICT, Polymer Engineering - Nanotechnology, Pfinztal
Alignment of carbon nanoparticles in composites with electric fields
30. Juni 2017

Prof. Daichi Morimoto
Kyoto University, Japan
Physicochemical understanding of abnormal protein aggregation
22. Februar 2017

Prof. Stefan Neukamm
Technische Universität Dresden, Professur für Angewandte Analysis
From micro- to macroscale models via mathematical analysis
12. April 2017

Julian Oberdisse
Université de Montpellier, Laboratoire Charles Coilomb L2C, Frankreich
Small-angle scattering analysis of the structure of chains and filler in polymer
13. September 2017

Prof. Angela K. Pannier
University of Nebraska-Lincoln, USA
Improving nonviral gene delivery for medical applications through chemical and physical priming of cells
21. Juni 2017

Jan Paskarbeit
Universität Bielefeld, Cognitive Interaction Technology (CITEC)
Abstraction of bioinspired leg coordination and its application to a hexapod robot under consideration of technical constraints
25. September 2017

Dr. Nilesh Patil
IPF, Institut Polymerwerkstoffe, Abteilung Mechanik und Struktur
Imaging, scattering and structural analysis of thin films and fibers by X-rays
13.11.2017

Dr. Dmitry V. Pergushov
M. V. Lomonosov Moscow State University, Russland
Interpolyelectrolyte complexes of star-like polyionic species: Toward build-up of compartmentalized macromolecular structures with diverse morphologies
6. Januar 2017

Prof. Denis F. S. Petri
University of Sao Paulo, Institute of Chemistry, Brasilien
Polysaccharides for biotechnological and environmental applications
23. August 2017

Dr. Eugene P. Petrov
Max Planck Institute of Biochemistry, Department of Cellular and Molecular Biophysics, Martinsried
Macromolecules and colloids on lipid membranes: Brownian motion, conformational dynamics, and membrane-driven self-organization
8. Februar 2017

Kumaran Ramamurthi
National Cancer Institute, Bethesda, USA
Towards the assembly of a synthetic bacterial cell
20. Juni 2017

Prof. René Rossi
EMPA, Swiss Federal Laboratories for Materials Science and Technology, Schweiz
Smart textiles for contiuous health monitoring
17. November 2017

Wissenschaftliche Kolloquien

Prof. Axel Schneider
Fachhochschule Bielefeld, Lehrgebiet Ingenieurinformatik
Bioinspired control and biosignal processing in (wearable) robotics applications
25. September 2017

Prof. Andreas Schober
Technische Universität Ilmenau, Institut für Chemie und Biotechnik, Nanobiosystemtechnik
Microfluidic and lithographic methods to mimic 3D cellular environments: An approach to BioLithoMorphie®
3. Februar 2017

Dr. Günter Scholz
BASF Polyurethanes GmbH, A 30, Lemfoerde
Die Welt des Thermoplastischen Polyurethans
13. Juli 2017

Dr. Barbara Scholz-Böttcher
Carl von Ossietzky University, Institute for Chemistry and Biology of the Marine Environment (ICBM), Oldenburg
Pyrolysis GCMS of complex organic samples - Application examples for historical 'Mumia Vera' and microplastic quantification
14. März 2017

Dr. Larisa V. Sigolaeva
M. V. Lomonosov Moscow State University, Russland
Nanosized polymer/enzyme films for efficient surface modification and design of biosensors
5. Januar 2017

Prof. Joseph Tracy
North Carolina State University, Department of Materials Science and Engineering, Raleigh, North Carolina, USA
Magnetically and optically active nanoparticles for responsive polymer composites
8. März 2017

Prof. Vladimir V. Tsuruk
Georgia Institute of Technology, School of Materials Science and Engineering, Atlanta, USA
Engineered bio-enabled functional nanomaterials: Adaptive soft microcapsules and tough laminated nanocomposites
17. März 2017

Prof. Andrey Turchanin
Friedrich-Schiller-Universität Jena
Molecular 2D materials via electron irradiation induced conversion of aromatic monolayers and thin films
19. Januar 2017

Dr. Patrick van Rijn
University Medical Center Groningen, Niederlande
Screening platform for optimum biomaterial surface engineering to direct cellular behavior
16. März 2017

Dr. Daniel A. Vega
Universidad Nacional del Sur, Instituto de Física del Sur, Buenos Aires, Argentinien
Equilibrium and dissipative properties in polymer networks with prescribed content of defects
24. Januar 2017

Prof. De-Yi Wang
IMDEA Materials Institute, Getafe, Spanien
Molecular design and functionalization of nano-hybrid: an important way to new generation flame retardant
5. Oktober 2017

Satoshi Yamaguchi
The University of Tokyo, Research Center of Advanced Science and Technology, Japan
Chemical tools working at bio-interfaces for bioengineering
24. März 2017

Dr. Yijun Zheng
INM - Leibniz-Institut für Neue Materialien gGmbH, Saarbrücken
Thiophene supermolecular nanosheet: synthesis, self-assembly and application
9. Februar 2017

Messen, Präsentationen und Ausstellungen

Messeauftritte

Präsentation innerhalb des Gemeinschaftsstandes „SAXONY!“ sächsischer Firmen und Forschungseinrichtungen
auf der JEC World 2017
14. bis 16. März 2017, Paris, Frankreich

Präsentation der Arbeiten zu Verbundwerkstoffen auf der JEC (© Axel Spickenheuer)

Präsentation innerhalb des Gemeinschaftsstandes des Materialforschungsverbundes Dresden auf der WerkstoffWoche 2017
27. bis 29. September 2017, Dresden

MFD-Gemeinschaftstand zur WerkstoffWoche (© Petra Pötschke)

Präsentation innerhalb des Gemeinschaftsstandes „Forschung für die Zukunft“ mitteldeutscher Universitäten und Forschungseinrichtungen auf dem Messeverbund MEDICA/COMPAMED
13. bis 16. November 2017, Düsseldorf

Auf MEDICA/COMPAMED wurden auf Sticktechnik basierende Innovationen gezeigt (© Emanuel Richter)

Veranstaltungen für die allgemeine Öffentlichkeit

Veranstaltungen innerhalb des Juniordoktor-Programms des Netzwerks „Dresden - Stadt der Wissenschaft“:

Experimentalvorlesung „Vom Molekül zum Kunststoff“
26. Januar 2017
Vortrag und Führung „Kunststoffe in Form gebracht“
15. Februar 2017

Interaktive Experimentalvorlesung im Juniordoktor-Programm (© Ursula Umlauf)

Sommeruniversität der TU Dresden
11. Juli 2017

15. Lange Nacht der Wissenschaften
16. Juni 2017

Offene Labore und Technika zur Langen Nacht der Wissenschaften (© Sina Spröwitz)

15 Besuche von Gruppen (Schüler, Auszubildende und Studenten) am IPF mit insgesamt ca. 300 Teilnehmern

Messen, Präsentationen und Ausstellungen

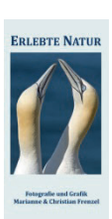
Sonstige Veranstaltungen

Grundsteinlegung und Jahresempfang des IPF
6. April 2017, Dresden

Grundsteinlegung durch Staatssekretär Uwe Gaul (SMWK), Professor Brigitte Voit, Dr. Herbert Zeisel (Leiter der Unterabteilung 51 im BMBF), Falk Wünsche, Dr. Rainer Müssner (BMBF), Achim von Dungern und Markus Hammes (Architekt) (v. r. n. l.) (© Sina Spröwitz)

Ehrenkolloquium aus Anlass des 80. Geburtstags von Herrn Professor Klaus Lunkwitz, ehemaliger Wissenschaftlicher Direktor des IPF
1. September 2017, Dresden

Professor Brigitte Voit, Professor Klaus Lunkwitz, Professor Hartmut Worch (TU Dresden) und Christoph Meier (SMWK) (© Sina Spröwitz)



Präsentation der Wissenschaftsausstellung von DRESDEN-concept
3. bis 26. Mai 2017, Guy's Campus des King's College London, Großbritannien
22. September bis 11. Oktober 2017, Plac Solny Breslau, Polen

Kooperatives Ausstellungsprojekt „Poncho" des Künstlers Johannes Makolies, realisiert in Kooperation mit dem IPF und dem Institut für Leichtbau und Kunststofftechnik der TU Dresden für die Ausstellung "Remembering the Future" in der Altana-Galerie, Ausstellungshaus der Kustodie der Technischen Universität Dresden,
16. September 2017 bis 26. Januar 2018

Präsentation des Leichtbauhockers in der Ausstellung PLASTIC::FANTASTIC / Design-Ikonen aus dem Deutschen Kunststoff-Museum
9. September bis 3. Dezember 2017, Nümbrecht, Schloss Homburg

Kunstausstellungen

Erlebte Natur
Fotografie und Grafiken von Marianne und Christian Frenzel
12. Januar bis 12. Mai 2017

Baum(t)räume
Malerei von Ursula Schlesing
18. Mai bis 15. September 2017

Einblicke... Ostseeküste vs. Venedig
Aquarelle von Christian Weiß
21. September 2017 bis 10. Januar 2018

DRESDEN-concept-Ausstellung in London (links, © Dominic Turner) und Breslau (oben, © M. Borkowicz)

Johannes Makolies: Poncho (Faserverbund-kunststoff/Stahl) (© Adrian Sauer)

Leichtbauhocker in der Ausstellung PLASTIC::FANTASTIC (©Kunststoff-Museums-Verein e.V)

Lehrtätigkeit, Berufungen und Berufsausbildung

Professuren von leitenden Mitarbeitern des IPF

Technische Universität Dresden

Bereich Mathematik und Naturwissenschaften, Fakultät Chemie und Lebensmittelchemie
Prof. Dr. Brigitte Voit - Professur für Organische Chemie der Polymere
Prof. Dr. Andreas Fery - Professur für Physikalische Chemie Polymerer Materialien
Prof. Dr. Carsten Werner - Professur für Biofunktionelle Polymermaterialien

Bereich Mathematik und Naturwissenschaften, Fakultät Physik
Prof. Dr. Jens-Uwe Sommer – Professur für Theorie der Polymere

Bereich Ingenieurwissenschaften, Fakultät Maschinenwesen
Jun.-Prof. Dr.-Ing. Sven Wießner - Juniorprofessur für Elastomere Werkstoffe
Prof. Dr. Edith Mäder - Honorarprofessur Grenzflächen, Grenzschichten und Mechanische Eigenschaften von Verbundwerkstoffen

Brandenburgische Technische Universität Cottbus-Senftenberg
Maschinenbau, Elektro- und Energiesysteme
Prof. Dr.-Ing. Udo Wagenknecht - Honorarprofessur für Kunststofftechnik

University of Toronto, Kanada
Institute of Biomaterials and Biomedical Engineering
Prof. Dr. Carsten Werner - Adjunct Professor

Tampere University of Technology, Finland
Dr. Amit Das - Adjunct Faculty

University of Nebraska-Lincoln, USA
Department of Chemistry
Dr. Petra Uhlmann - Adjunct Professor

Stellenbosch University, Südafrika
Department of Chemistry and Polymer Science
PD Dr. Albena Lederer – Außerordentliche Professur

Mahatma-Gandhi-University Kottayam, Kerala, Indien
International and Inter University Centre for Nanoscience and Nanotechnology
Prof. Dr. Manfred Stamm - Chair Professorship in Nanoscience and Nanotechnology

Weitere Lehrverpflichtungen von Mitarbeitern des IPF

Technische Universität Dresden

Bereich Mathematik und Naturwissenschaften
PD Dr. Doris Pospiech - Privatdozentur im Gebiet Makromolekulare Chemie
PD Dr. Martin Müller - Privatdozentur im Gebiet Makromolekulare Chemie
PD Dr. Albena Lederer - Privatdozentur im Gebiet Physikalische Chemie
Dr. Julian Thiele - TUD Young Investigator
Dr. Tobias A. F. König - TUD Young Investigator
Dr. Alla Synytska - Vorlesungstätigkeit im Gebiet Physikalische Chemie im Rahmen einer Habilitation
Dr. Anton Kiriy - Vorlesungstätigkeit Organic and Molecular Electronics
Dr. Franziska Lissel – Vorlesung Advanced Materials for Organic Electronics in der Fakultät Physik
Dr. Ulrich Scheler - Vorlesungstätigkeit im Masterstudiengang Chemie
Dr. Michael Lang - Vorlesungstätigkeit in den Vertiefungsgebieten Theoretische Physik und Weiche kondensierte Materie und biologische Physik
Dr. Torsten Kreer - Vorlesungstätigkeit in den Vertiefungsgebieten Theoretische Physik und Weiche kondensierte Materie und biologische Physik

Bereich Ingenieurwissenschaften, Fakultät Maschinenwesen
PD Dr. Marina Grenzer - Privatdozentur für Rheologie komplexer Fluide
PD Dr. Hans-Georg Braun - Privatdozentur für Werkstoffwissenschaften
Dr.-Ing. Ines Kühnert - Vorlesungstätigkeit im Institut für Werkstoffwissenschaft
Dr. Uwe Gohs - Vorlesungstätigkeit im Institut für Werkstoffwissenschaft

Lehrtätigkeit, Berufungen und Berufsausbildung

Bereich Bau und Umwelt, Fakultät Bauingenieurwesen
Dr. Christina Scheffler - TUD Young Investigator im Graduiertenkolleg 2250 „Impaktsicherheit von Baukonstruktionen durch mineralisch gebundene Komposite“

Zentrale Wissenschaftliche Einheit ‘Center for Molecular and Cellular Bioengineering (CMCB)’
PD Dr. Hans-Georg Braun - Lecturer

Dresden International Graduate School for Biomedicine and Bioengineering
Prof. Dr. Carsten Werner
Prof. Dr. Brigitte Voit

Center for Advancing Electronics Dresden cfaed (mit integrierter Graduate School)
Prof. Dr. Brigitte Voit
Prof. Dr. Andreas Fery
Prof. Dr. Jens-Uwe Sommer
Dr. Tobias A. F. König

International Helmholtz Graduate School NanoNet, Course Polymers in Microelectronics and Optoelectronic Applications
Prof. D. Brigitte Voit
Dr. Anton Kiriy

Brandenburgische Technische Universität Cottbus-Senftenberg
Fakultät Maschinenbau, Elektro- und Energiesysteme
Dr.-Ing. Ines Kühnert – Lehrauftrag für Vorlesung Verarbeitungsbedingte Materialstrukturen

Boston University, USA
Department of Chemistry, College of Arts and Sciences, Study abroad
Dr. Cordelia Zimmerer – Lehrauftrag Organic Chemistry

Indian Institute of Sciences, Indien
Center of Nanoscience and Engineering, Bangalore
PD Dr. Hans-Georg Braun - DAAD Visiting Professor, Lecture Series on Soft Matter Engineering

Berufungen von (ehemaligen) IPF-Mitarbeitern an andere Einrichtungen

Cardiff University, Großbritannien
Dr. Benjamin Newland – Lecturer an der School of Pharmacy and Pharmaceutical Sciences, College of Biomedical and Life Sciences

Berufsausbildung

In Kooperation mit Partnern ist das Institut in der Berufsausbildung aktiv.
Gemeinsam mit dem Berufsschulzentrum Meißen-Radebeul und der Sächsischen Bildungsgesellschaft für Umweltschutz und Chemieberufe Dresden werden Chemielaboranten ausgebildet. 2017 befanden sich 12 Auszubildende am IPF in der Ausbildung zum Chemielaboranten.
Bei der Ausbildung von Berufsakademie-studenten zum B.Sc. Biotechnologie kooperiert das Institut mit der Berufsakademie Sachsen in Riesa. 2017 war das IPF für 10 Berufs-akademiestudenten Praxispartner/ Ausbildungsunternehmen