MAX PLANCK INSTITUTE
OF COLLOIDS
AND INTERFACES

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Scientific Departments

Biomaterials
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Biofilm-based Materials
Dr. Cécile Bidan

Adaptive Fibrous Materials MoA Research Group
Dr. Michaela Eder

Matters of Activity (Excellence Cluster)
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Mucus-based Materials
Dr. Franziska Jehle

Development of Mineralized Skeletal Materials
Dr. Emeline Raguin

Stochastic Processes in Complex and Biological Systems
Dr. Angelo Valleriani

Mechanobiology
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Circular Chemical Concepts
Dr. Manuel Häußler

Carbohydrate Materials
Dr. Martina Delbianco

Synthetic Array Technologies
Dr. Felix Löffler

Synthetic Methodology and Reaction Design
Dr. John J. Molloy

Glycan-Targeted Therapeutics
Dr. Oren Moscovitz

Glycobiology and Vaccine Development
Prof. Peter H. Seeberger

Carbohydrates: Structure and Function
Dr. Christian Roth

Automated Glycan Assembly
Prof. Peter H. Seeberger

Computational Biophysics
Dr. Thomas Weikl

Automated Chemistry
Dr. Jose A. Danglad-Flores

Colloid Chemistry
Prof. Markus Antonietti

Old Chemistry for New Advanced Materials
Prof. Markus Antonietti

From Biomass to Humic Matter Systems
Dr. Alexander Volikov

2D-Covalent Thin Films for Energy Storage
Dr. Paolo Giusto

Advanced Nanoporous Carbon Electrocatalysts
Dr. Mateusz Odziomek

Electron Microscopy
Dr. Nadja Tarakina

Emmy Noether Group: Responsive Soft Materials & Interfaces
Dr. Lukas Zeininger

Advanced Electrolytes for Sustainable Batteries
Dr. Roza Bouchal

SunThesis: Advanced Materials for Solar-driven Fuel Synthesis
Dr. Christian Pelicano

Nonconventional Photothermal and Photocatalytic Processes
Dr. Horatiu Szalad

SulGenesis: Pathways of Sulfur in Energy Storage
Dr. Evgeny Senokos

Bio-inspired Materials
Prof. Silvia Vignolini

Functional Macromolecular Materials
Dr. Ruiting Li

Biophysics Lab
Dr. Rumiana Dimova

Soft Matter Electron Microscopy
Dr. Yu Ogawa

Polysaccharide Materials: Chemistry and Interfaces
Dr. Wenyang Xu

Chiral Self-assembly for Optical Materials
Dr. Thomas Parton

General Services

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Dr. Kerstin Baier

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Heike Kienert

Budgeting / Accounting
Sandra Burgmeier

Human Resources
Michaela Bertram

Procurement / Purchase
Katharina Zesch

Representative Bodies

- Works Council
- Equal Opportunities Commissioners
- Ph.D. and Postdoc Representatives

Stand: April 2025