

Organizational Chart 2023



Empa

Materials Science and Technology

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RESEARCH FOCUS AREAS / RESEARCH PRIORITIES

Nanoscale Materials and Technologies

Dr Lorenz Herrmann

Built Environment

Dr Peter Richner

Health and Performance

Prof. Dr René Rossi a.i.

Energy, Resources and Emissions

Dr Brigitte Buchmann

DIRECTORATE

Director	Deputy	Members
Prof. Dr Tanja Zimmermann	Dr Peter Richner	Dr Brigitte Buchmann Dr Lorenz Herrmann Dr Urs Leemann

DEPARTMENTS

Advanced Materials and Surfaces	Engineering Sciences	Materials Meet Life
Dr Lorenz Herrmann	Dr Peter Richner	Prof. Dr René Rossi a.i.
LABORATORIES		
High Performance Ceramics Prof. Dr Thomas Graule	Structural Engineering Prof. Dr Masoud Motavalli	Magnetic and Functional Thin Films Prof. Dr Hans Josef Hug
Joining Technologies and Corrosion Dr Lars Jeurgens	Mechanical Systems Engineering Prof. Dr Giovanni Terrasi	Cellulose and Wood Materials Dr Gustav Nyström
Advanced Materials Processing Prof. Dr Patrik Hoffmann	Multiscale Studies in Building Physics Dr Ivan Fabrizio Lunati	Biomimetic Membranes and Textiles Prof. Dr René Rossi
nanotech@surfaces Prof. Dr Roman Fasel	Experimental Continuum Mechanics Prof. Dr Edoardo Mazza	Advanced Fibers Prof. Dr Manfred Heuberger
Mechanics of Materials and Nanostructures Prof. Dr Johann Michler	Concrete and Asphalt Prof. Dr Pietro Lura	Particles-Biology Interactions Dr Peter Wick
Thin Films and Photovoltaics Prof. Dr Ayodhya N. Tiwari	Urban Energy Systems Dr Kristina Orehounig	Biointerfaces Prof. Dr Katharina Maniura
Surface Science and Coating Technologies Dr Lars Sommerhäuser a.i.	Sustainability Robotics Prof. Dr Mirko Kovac	Transport at Nanoscale Interfaces Prof. Dr Michel Calame
Functional Polymers Prof. Dr Frank Nüesch		
CENTERS		
Electron Microscopy Center Prof. Dr Rolf Erni	Center for Synergetic Structures Dr Cédric Galliot	Center for X-ray Analytics Prof. Dr Antonia Neels

Research Commission

National

Dr Urs T. Dürig, Rüschlikon
Prof. em. Dr Thomas Egli, Feldmeilen
Prof. em. Dr Marcus Textor, Schaffhausen
Prof. em. Dr Alexander Wokaun, Endingen

Internal

Dr Andrea Bergamini (Chair)
Dr Georg Spescha (Manager)
Dr Thomas Geiger
Dr Erwin Hack
Dr Dirk Hegemann

Prof. Dr Inge Katrin Herrmann
Dr Joachim Mohn
Dr Dorina Opris
Prof. Dr Daniele Passerone
Dr Patrik Soltic



RESEARCH, KNOWLEDGE AND TECHNOLOGY TRANSFER PLATTFORMS

NEST

Reto Largo

move

Dr Brigitte Buchmann

ehub

Philipp Heer

Coating Competence Center

Dr Lars Sommerhäuser

Empa Academy

Claudia Gonzalez

Business Incubators

glatec

Mario Jenni

Startfeld /SIP Ost

Peter Frischknecht

International Research Cooperations

Prof. Dr Tanja Zimmermann

Energy, Mobility and Environment

Dr Brigitte Buchmann

Building Energy Materials and Components

Dr Wim J. Malfait

Materials for Energy Conversion

Dr Corsin Battaglia

Advanced Analytical Technologies

PD Dr Davide Bleiner

Air Pollution / Environmental Technology

Dr Lukas Emmenegger

Automotive Powertrain Technologies

Christian Bach

Materials for Renewable Energy

Prof. Dr Andreas Züttel (Antenna Sion)

Technology and Society

Dr Patrick Wäger

Acoustics / Noise Control

Dr Jean Marc Wunderli

Corporate Services

Dr Urs Leemann

ICT-Services

Stephan Koch

Mechanical Engineering / Workshop

Stefan Hösli

Finances / Controlling / Purchasing

Susann Hug a.i.

Communication

Dr Michael Hagmann

Human Resources

André Schmid

Knowledge and Technology Transfer / Legal

Marlen Müller

Real Estate Management

Kevin Olas

Library (Lib4RI)

Dr Lothar Nunnenmacher

Entrepreneurship / Industry Relations

Gabriele Dobenecker

Fundraising

Dr Martin Gubser

Scientific IT

Prof. Dr Eleni Pratsini

Industrial Advisory Board

Dr Stefan Ramseier, Consenec AG (Chair)
Dr Burkhard Böckem, Hexagon Geosystems Services AG
Dr Beat Flühmann, Vifor Pharma Group
Prof. Dr h.c. mult. Robert Frigg, 41medical
Dr Markus Hofer, Bühler AG
Dr Christian Koitzsch, Robert Bosch GmbH
Katharina Lehmann, Blumer-Lehmann AG
Dr Chris Luebkehan, ETH Zurich
Céline Mahieux, Shell (Switzerland) AG

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Empa – Materials and technologies for a sustainable future

As an interdisciplinary research institute of the ETH Domain, Empa, the Swiss Federal Laboratories for Materials Science and Technology, conducts cutting-edge materials and technology research. Empa's R&D activities focus on meeting the requirements of industry and the needs of society, and thus link applications-oriented research to the practical implementation of new ideas. As a result, Empa is capable of providing its partners with customized solutions that not only enhance their innovative edge and competitiveness, but also help to improve the quality of life for the public at large, true to its mission statement: "Empa – The Place where Innovation Starts". As part of the ETH Domain, Empa is committed to excellence in all its activities.

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Empa within the ETH Domain

