

# Organizational Chart 2025



**Empa**

Materials Science and Technology

# Organizational Chart 2025

## RESEARCH FOCUS AREAS / RESEARCH PRIORITIES

**Nanoscale Materials and Manufacturing Technologies**  
Dr Lorenz Herrmann

**Built Environment**  
Prof. Matthias Sulzer

**Health**  
Prof. Dr René Rossi  
Prof. Dr Katharina Maniura

**Energy, Resources and Emissions**  
Dr Nathalie Casas

## DIRECTORATE

Director	Deputy	Members
Prof. Dr Tanja Zimmermann	Dr Peter Richner	Dr Nathalie Casas   Dr Lorenz Herrmann   Prof. Dr Manfred Heuberger   Dr Urs Leemann   Prof. Dr René Rossi

## DEPARTMENTS

Advanced Materials and Surfaces	Engineering Sciences	Materials Meet Life
Dr Lorenz Herrmann	Prof. Matthias Sulzer	Prof. Dr René Rossi Prof. Dr Manfred Heuberger
<b>LABORATORIES</b>		
<b>High Performance Ceramics</b> Dr Johann Jakob Schwiedrzik	<b>Structural Engineering</b> Prof. Dr Masoud Motavalli	<b>Magnetic and Functional Thin Films</b> Prof. Dr Hans Josef Hug
<b>Joining Technologies and Corrosion</b> Dr Lars Jeurgens	<b>Mechanical Systems Engineering</b> Prof. Dr Giovanni Terrasi	<b>Cellulose and Wood Materials</b> Dr Gustav Nyström
<b>Advanced Materials Processing</b> Prof. Dr Patrik Hoffmann	<b>Computational Engineering</b> Dr Ivan Fabrizio Lunati	<b>Biomimetic Membranes and Textiles</b> Prof. Dr René Rossi
<b>nanotech@surfaces</b> Prof. Dr Roman Fasel	<b>Experimental Continuum Mechanics</b> Prof. Dr Edoardo Mazza	<b>Advanced Fibers</b> Prof. Dr Manfred Heuberger
<b>Mechanics of Materials and Nanostructures</b> Prof. Dr Johann Michler	<b>Concrete and Asphalt</b> Prof. Dr Pietro Lura	<b>Nanomaterials in Health</b> Prof. Dr Peter Wick
<b>Thin Films and Photovoltaics</b> Dr Yaroslav Romanyuk	<b>Urban Energy Systems</b> Dr Georgios Mavromatidis	<b>Biointerfaces</b> Prof. Dr Katharina Maniura
<b>Surface Science and Coating Technologies</b> Dr Lars Sommerhäuser a.i.	<b>Sustainability Robotics</b> Prof. Dr Mirko Kovac	<b>Transport at Nanoscale Interfaces</b> Prof. Dr Michel Calame
<b>Functional Polymers</b> Prof. Dr Frank Nüesch		
<b>CENTERS</b>		
<b>Electron Microscopy Center</b> Prof. Dr Rolf Erni		<b>Center for X-ray Analytics</b> Prof. Dr Antonia Neels

## Research Commission

### National

Dr Urs T. Dürig, Rüschlikon  
Prof. em. Dr Thomas Egli, Feldmeilen

### Internal

Dr Andrea Bergamini (Chair)  
Dr Georg Spescha (Manager)  
Dr Rowena Crockett  
Dr Alexander Ehret  
Dr Thomas Geiger  
Dr Costanza Giampietro  
Dirk Hegemann

Prof. Dr Inge Katrin Herrmann  
Dr Joachim Mohn  
Dr Dorina Opris  
Prof. Dr Daniele Passerone  
Dr Patrik Soltic  
Dr Bart Van Damme  
Dr Mateusz Wyrzykowski



## RESEARCH, KNOWLEDGE AND TECHNOLOGY TRANSFER PLATTFORMS

### NEST

Reto Largo

### move

Dr Nathalie Casas

### 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 Nathalie Casas

### Building Energy Materials and Components

Dr Wim J. Malfait

### Materials for Energy Conversion

Prof. Dr Corsin Battaglia

### Advanced Analytical Technologies

PD Dr Davide Bleiner

### Air Pollution / Environmental Technology

Dr Lukas Emmenegger

### Chemical Energy Carriers and Vehicle Systems

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

Fabio Consani

### Mechanical Engineering / Workshop

Stefan Hösli

### Finances / Controlling / Purchasing

Susann Hug

### Communication

Dr Michael Hagmann

### Human Resources

André Schmid

### Knowledge and Technology Transfer / Legal

Marlen Müller

### Real Estate Services

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  
Christof Dutoit, Straumann  
Dr Beat Flühmann, Vifor Pharma Group  
Dr Markus Hofer, Bühler AG  
Katharina Lehmann, Blumer-Lehmann AG  
Dr Chris Luebke, ETH Zurich  
Céline Mahieux, Shell (Switzerland) AG

## Empa Portal

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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

