

# Organizational Chart 2018



**Empa**

Materials Science and Technology

# Organizational Chart 2018

## RESEARCH FOCUS AREAS

(Research priorities)

### Nanostructured Materials

Dr Pierangelo Gröning

### Sustainable Built Environment

Dr Tanja Zimmermann  
Prof. Dr Giovanni Terrasi

### Health and Performance

Prof. Dr Alex Dommann

### Natural Resources and Pollutants

Dr Brigitte Buchmann

### Energy

Dr Peter Richner  
Urs Elber

## BOARD OF DIRECTORS

| Director general        | Deputy           | Members                                                                                                     |
|-------------------------|------------------|-------------------------------------------------------------------------------------------------------------|
| Prof. Dr Gian-Luca Bona | Dr Peter Richner | Dr Brigitte Buchmann   Prof. Dr Alex Dommann   Dr Pierangelo Gröning   Dr Urs Leemann   Dr Tanja Zimmermann |

## DEPARTMENTS

| Advanced Materials and Surfaces                  | Engineering Sciences                          | Materials Meet Life                         |
|--------------------------------------------------|-----------------------------------------------|---------------------------------------------|
| Dr Pierangelo Gröning                            | Dr Peter Richner                              | Prof. Dr Alex Dommann                       |
| <b>Electron Microscopy Center</b>                |                                               | <b>Center for X-ray Analytics</b>           |
| Dr Rolf Erni                                     |                                               | Dr Antonia Neels                            |
|                                                  |                                               | <b>Electronics &amp; Reliability Center</b> |
|                                                  |                                               | Prof. Dr Alex Dommann                       |
| <b>LABORATORIES</b>                              |                                               |                                             |
| <b>Joining Technologies and Corrosion</b>        | <b>Road Engineering / Sealing Components</b>  | <b>Nanoscale Materials Science</b>          |
| Dr Lars Jeurgens                                 | Prof. Dr Manfred Partl                        | Prof. Dr Hans Josef Hug                     |
| <b>Advanced Materials Processing</b>             | <b>Structural Engineering</b>                 | <b>Biomimetic Membranes and Textiles</b>    |
| Prof. Dr Patrik Hoffmann                         | Prof. Dr Masoud Motavalli                     | Prof. Dr René Rossi                         |
| <b>nanotech@surfaces</b>                         | <b>Mechanical Systems Engineering</b>         | <b>Particles-Biology Interactions</b>       |
| Prof. Dr Roman Fasel                             | Prof. Dr Giovanni Terrasi                     | Dr Peter Wick                               |
| <b>Mechanics of Materials and Nanostructures</b> | <b>Multiscale Studies in Building Physics</b> | <b>Biointerfaces</b>                        |
| Dr Johann Michler                                | Prof. Dr Dominique Derome                     | Dr Katharina Maniura                        |
| <b>Thin Films and Photovoltaics</b>              | <b>Mechanical Integrity of Energy Systems</b> | <b>Transport at Nanoscale Interfaces</b>    |
| Prof. Dr Ayodhya N. Tiwari                       | Prof. Dr Edoardo Mazza                        | PD Dr Michel Calame                         |
| <b>Functional Polymers</b>                       | <b>Center for Synergetic Structures</b>       |                                             |
| Prof. Dr Frank Nüesch                            | Dr Rolf Luchsinger (PPP Empa – Festo)         |                                             |
|                                                  | <b>Urban Energy Systems</b>                   |                                             |
|                                                  | Dr. Kristina Orehounig                        |                                             |

## Research Commissions

### National

Dr Urs Dürig, IBM, Rüschlikon  
Prof. Dr Rik Eggen, Eawag, Dübendorf  
Prof. Dr Thomas Egli, Emeritus  
Dr Karl Knop, Zurich  
Prof. Dr Dimos Poulikakos, ETH, Zurich  
Prof. Dr Marcus Textor, ETH, Zurich  
Prof. Dr Alexander Wokaun, PSI, Villigen

### Internal

Dr Pierangelo Gröning (Chair)  
Dr Georg Spescha (Manager)  
Dr Andrea Bergamini  
Dr Thomas Geiger  
Dr Erwin Hack  
Dr Dirk Hegemann  
Dr Bernd Nowack  
Dr Dorina Opris  
Dr Daniele Passerone  
Dr Stefan Reimann  
Dr Patrik Soltic



# Empa

Materials Science and Technology

## RESEARCH, KNOWLEDGE AND TECHNOLOGY TRANSFER PLATTFORMS

### NEST

Reto Largo

### move

Dr Brigitte Buchmann

### ehub

Philipp Heer

### Coating Competence Center

Dr Lars Sommerhäuser

### Empa Academy

Dr Michael Hagmann

### Business Incubators

#### glaTec

Mario Jenni

#### STARTFELD

Peter Frischknecht

### International Research Cooperations

Prof. Dr Gian-Luca Bona

## Mobility, Energy and Environment

Dr Brigitte Buchmann

### Materials for Energy Conversion

Dr Corsin Battaglia

### Advanced Analytical Technologies

Prof. 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

Kurt Eggenschwiler

## Functional Materials

Dr Tanja Zimmermann

### High Performance Ceramics

Prof. Dr Thomas Graule

### Applied Wood Materials

Prof. Dr Ingo Burgert (a.i.)

### Concrete / Construction Chemistry

Prof. Dr Pietro Lura

### Building Energy Materials and Components

Dr Matthias Koebel

### Advanced Fibers

Prof. Dr Manfred Heuberger

## Support

Dr Urs Leemann

### Library (Lib4RI)

Dr Lothar Nunnenmacher

### ICT-Services

Stephan Koch

### Mechanical Engineering / Workshop

Stefan Hösli

### Finances / Controlling / Purchasing

Heidi Leutwyler

### Communication

Dr Michael Hagmann

### Human Resources

André Schmid

### Marketing, Knowledge and Technology Transfer

Gabriele Dobenecker

### Real Estate Management

Hannes Pichler

## Industrial Advisory Board

Dr Henning Fuhrmann, Siemens, Zug (Chair)  
Dr Kurt Baltensperger, ETH Board, Zurich  
Prof. Dr mult. hc Robert Frigg, 41medical, Bettlach  
Dr Andreas Hafner, BASF, Basel  
Dr Markus Hofer, Bühler, Uzwil  
Dr Peter Kupferschmied, Meggitt Sensing Systems, Fribourg  
Dr Urs Mäder, SATW, Zurich  
Dr Markus Oldani, GE Power, Baden  
Dr Andreas Schreiner, Novartis, Basel  
Dr Eugen Voit, Leica Geosystems, Heerbrugg

## 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

