



Fields of Expertise

TU Graz's research activities are grouped into five strategic, forward-looking Fields of Expertise. Researchers engage in interdisciplinary cooperation and benefit from different approaches and methods, shared resources and international exchange.

● **Advanced Materials Science**

Editorial: Christof Sommitsch

The Potential of Polysaccharides in Biomaterial Science

Rupert Kargl

● **Human & Biotechnology**

Editorial: Gernot Müller-Putz

Protein from Carbon Dioxide: A Sustainable Perspective

Helmut Schwab

● **Information, Communication & Computing**

Editorial: Kay Uwe Römer

Identification and Monitoring of Aortic Diseases by Electrical Impedance Measurements

Alice Reinbacher-Köstinger

● **Mobility & Production**

Editorial: Rudolf Pichler

Smart Production: The Jump-Off Base for Industry 5.0

Matthias Wolf, Rudolf Pichler

● **Sustainable Systems**

Editorial:

Urs Leonhard Hirschberg

Fundamental Fluid Mechanics for Sustainable Applications

Carole Planchette