

Felix Schottroff

CV



Ass. Prof. Dr. nat. techn. Felix Schottroff

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Publications: <https://forschung.boku.ac.at/en/researcher/Felix-Schottroff-D5742B7D12394EC1#publikationen>

Felix Schottroff is a Tenure Track Professor of Food Process Engineering at BOKU University in Vienna, Austria, at the Institute of Food Technology. In his research, Felix focusses on various innovative and non-thermal technologies for microbial inactivation as well as processing of novel food resources and sustainable and hygienic engineering, taking into account mechanistic approaches, product quality, energy efficiency, process and equipment design.

Felix has scientific and practical experience from a variety of industry as well as research projects and has a strong passion for topics at the interface of microbiology and process engineering. He is the chair of the Young EFFoST (European Federation of Food Science and Technology) Council, and acts as the chair of the EFFoST working group on sustainable food systems. He is council member of the International Society for Electroporation-Based Technologies and Treatments (ISEBTT), and co-chair of the European Hygienic Engineering and Design Group (EHEDG) Regional Section Austria.

**Education
(latest)**

BOKU University, Vienna, Austria

Food and Biotechnology, Ph.D. (with distinction)

02/2016 – 01/2020

Thesis: *Tailoring electrotechnologies for microbial inactivation in food and bioprocess engineering – Inactivation mechanisms, processing concepts, and equipment design*

**Professional
experience
(selection)**

BOKU University, Vienna, Austria

Tenure Track Professorship *Food Process Engineering*

since 10/2023

Technical University Berlin, Germany

Tenure Track Professorship *Integral Food Processing (W1-W3)*

06/2023 – 09/2023

BOKU University, Vienna, Austria

Head of service unit *BOKU Core Facilities*

01/2021 – 05/2023

Head of *BOKU Core Facility Food & Bio Processing*

02/2020 – 05/2023

Institute of Food Technology

02/2020 – 05/2023

Post Doc, Group leader *Technologies for Microbial Inactivation*

The Ohio State University, Columbus, OH, USA

06/2018 – 11/2018

Department of Food, Agricultural and Biological Engineering

Research project: *Mechanisms of enhanced bacterial endospore inactivation during sterilization by ohmic heating.*

University of Alberta, Edmonton, AB, Canada

08/2018

Chair of Food Microbiology

Research project: *Inactivation of Bacillus endospores by high hydrostatic pressure.*

Motivation letter

To whom it may concern,

With this letter, I want to express my interest to become EHEDG secretary in the upcoming period. Please allow me to subsequently explain my motivation for this application. I am involved with EHEDG since 2019, in the frame of the regional section Austria, which I am now co-chairing. I am also member of the EHEDG working group on sustainability and was involved in the preparation of the white paper “Impact of Hygienic Engineering and Design on Sustainability in Food Production”. Since 2025, I am EHEDG authorized trainer and I was involved in the development of the EYE (EHEDG and Young EFFoST) Mentorship Program, in my role as chair of the Young EFFoST (European Federation of Food Science and Technology) council.

In my daily job, I work as an Assistant Professor for Food Process Engineering at BOKU University in Vienna, where I also teach aspects related to cleaning, disinfection, hygienic design and engineering in my classes. Altogether, the topic of hygienic design and engineering is of distinct importance and interest to me and my work and therefore I am happy to engage in the activities of EHEDG.

I already have extensive experience with these types of council / board activities, due to my functions as Young EFFoST chair, chair of the EFFoST Working Group on Sustainable Food Systems, council membership of the International Society for Electroporation-Based Technologies and Treatments, as well as my activities in the Austrian EHEDG Regional Section.

I would therefore be delighted to get involved in the EHEDG Foundation Board as a secretary, and to contribute to the operation and further development of the association. I am looking forward to hearing from you! If you have any further questions, please reach out.

Best regards,

Felix Schottroff