

Prof. Dr. Petra Först

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- Seit 2022 Associate Professor (W3) Chair of Food Process Engineering, TUM School of Life Sciences, Technical University of Munich, Freising
- 2018 - 2022 Adjunct Professor in Food and Bioprocess Technology, Chair of Process Systems Engineering, TUM School of Life Sciences, Technical University of Munich, Freising
- 2015 - 2022 Senior Academic Assistant, Chair of Process Systems Engineering, TUM School of Life Sciences, Technical University of Munich, Freising
- 2012 - 2015 Full Professor (W3), interim, Chair of Process Systems Engineering, TUM School of Life Sciences, Technical University of Munich, Freising
- 2002 - 2012 Habilitation in Drying and microencapsulation of sensitive ingredients
- 2002 - 2012 Chair of Food Process Engineering and Dairy Technology, TUM School of Life Sciences Weihenstephan
- 1999 - 2001 Academic Assistant, Chair of Fluid Dynamics and Process Control, TUM
- 1997 - 2001 Ph.D. in High Pressure Processing of Foods, DE
Supervisor: Prof. Dr.-Ing. Antonio Delgado
- 1990 - 1995 Diploma in Food Technology and Biotechnology, Technical University of Munich

Arbeitsgebiete | Forschungsschwerpunkte | Engagement

- Trocknungs- und Pulvertechnik sowie Trenn- und Strukturbildungsprozesse tierischer und pflanzlicher Lebensmittel
- Entwicklung bildgebender in-situ Messtechniken, basierend auf der Röntgen- und Neutronenbildgebung für ein besseres Prozessverständnis und die Entwicklung neuer Prozesse
- Member of School Council, School of Life Sciences, TUM
- Member of the DFG Permanent Senate Commission on Food Safety
- Member of the Scientific Council of the Research Association of the German Food Industry (FEI)
- Member in ProcessNet working party "Food Process Engineering"
- Member in ProcessNet working party "Drying Technology"
- Peer reviewer for a wide range of International Journals (>40)