

Curriculum Vitae

Dr. Harald Schöbel

Senior Lecturer

Biotechnology & Food Engineering

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Harald Schöbel is a senior lecturer at the MCI-The Entrepreneurial School® in the Department of Biotechnology and Food Engineering. He teaches undergraduate and post-graduate courses in STEM related disciplines including the implementation of e-learning elements.

He studied Physics at the University of Innsbruck where his diploma thesis dealt with laser cooling of atoms and ultra-cold quantum gases. The area of nano- and biophysics was the main research focus of his doctoral studies and during his postdoctoral position at the University of Innsbruck, he worked on the implementation of a laser-induced desorption source for biomolecules. He then devoted himself to the development of LED lighting systems in a Tyrolean company for a few years before being appointed as lecturer at the MCI.

During his research career, light has always played a crucial role in various applications and settings. Therefore, his research interests have always been associated with the topic light and as a physicist in the field of biotechnology, are very interdisciplinary. His current research topics involve LED based ultraviolet germicidal irradiation, developing LED based illumination and irradiation systems for different research applications in life sciences and using light as a tool for biological processes.