

Translational Engineering for Clinically Relevant Innovation

Michael Friebe, Ph.D.
Technische Universität München

Talk Summary

Michael will talk about his past ventures, medical imaging in general and the opportunities that arise working in this area. Not only from an entrepreneurial perspective, but also from the innovation development side, something called translational engineering or development from bench to bedside. There will be a strong emphasis on meaningful innovation versus cool inventions. The listeners will learn something about Innovation Development, Design Thinking, and Lean Entrepreneurship - all in relation to medical imaging.

Biography

Michael Friebe was educated as an electrical engineer with a scholarship from IBM Germany. After graduation he left Germany for a 5 year work (MRI engineer and Project Manager at TOSHIBA MRI and UCSF RIL research laboratory) and study (graduate degree in Technology Management) period in San Francisco. He returned to the fascinating Ruhrvalley in Germany in 1993 - with an american wife - to pursue and finish his PhD studies (1995, Interventional MRI, University Witten) and start his first company (Neuromed). In the next 15 years he invested a lot of time and effort in creating new ventures - all around diagnostic and interventional imaging and minimal-invasive-therapies. Michael has filed more than 20 patent families, is on the advisory board of several start-up companies and a non-executive director of a publicly traded Medtec company, and currently runs a MedTec advisory boutique. Since 2010 he is a very enthusiastic lecturer of “Medical Technology Entrepreneurship” and “Innovation in Image Guided Surgeries” for the chair of Computer Aided Medical Procedures (CAMP) at the TU München and since october 2012 a Rudolf-Diesel-Industry Fellow of the Institute of Advanced Studies, as well as a Professor affiliated with the Chair of Computer Aided Medical Procedures. In 2011 he was named Germanys Business Angel of the year.

<http://ar.in.tum.de/Main/MichaelFriebe>