



Petra Dittrich

Petra Dittrich is Associate Professor for Bioanalytics at the Department of Biosystems Science and Engineering since 2014. Her research in the field of lab-on-chip-technologies focuses on the miniaturization of high-sensitivity devices for chemical and biological analyses, and microfluidic-aided organization of materials.

Born in 1974 in Lingen/Ems(Germany), she studied chemistry at Bielefeld University (Germany) and Universidad de Salamanca (Spain) from 1993 to 1999. She earned her PhD degree at the Max Planck-Institute for Biophysical Chemistry (MPI Göttingen, Germany) in 2003 for her thesis on single fluorescent molecule spectroscopy and fluorescence correlation spectroscopy in microfluidic channels. After another year as postdoctoral fellow at the MPI Göttingen, she had a postdoctoral appointment at the Institute for Analytical Sciences (ISAS Dortmund, Germany) (2004-2008). For research stays, she was at the Cornell University (2002) and the University of Tokyo (2005). In 2008, she became Assistant Professor at the Organic Chemistry Laboratories of the Department of Chemistry and Applied Biosciences (ETH Zurich).

Petra Dittrich was fellow of the Studienstiftung des Deutschen Volkes, the German Exchange Organization DAAD and the Christiane Nüsslein-Vollhard-foundation. Her PhD was awarded by the Westfälisch-Lippische Universitätsgesellschaft. She received the Starting Grant from the European Research Commission (ERC) (2008), the Analytica Forschungspreis of the German Society of Biochemistry and Molecular Biology (GBM), donated by Roche Diagnostics GmbH (2010), the Heinrich Emanuel Merck award (2015) and the ERC Consolidator Grant (2016).

Contact : Prof. Dr. Petra S. Dittrich
Dep. of Biosystems Science and Eng.
Professur für Bioanalytik
BSD H 368
Tel: +41 61 387 33 10
Mail: petra.dittrich@bsse.ethz.ch
Web: www.dittrich.ethz.ch

