

## CELEST Member Short Profile



### Christine Kranz



Christine Kranz joined the Institute of Analytical and Bioanalytical Chemistry (IABC) in 2008, where she is currently apl. Professor and heading the electrochemistry/scanning probe microscopy group and coordinating the FIBCenter at the IABC. After receiving her Ph.D. in Chemistry from the Technical University of Munich, she spent a year as a postdoctoral fellow at the Vienna University of Technology (DFG research fellowship). From 2001 to 2008, she was senior research scientist at the School of Chemistry and Biochemistry, Georgia Institute of Technology. Her interdisciplinary research interests range from the development and application of miniaturized electrochemical sensing strategies to hybrid scanning probe microscopy applied in biomedical and energy related research.

#### Institute of Analytical and Bioanalytical Chemistry

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#### Contact details

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#### Research areas

Analytical chemistry, scanning probe microscopy, electroanalytical chemistry, electrochemical sensing, FIB/SEM prototyping and tomography

#### Lab equipment (at MZE and AOC, campus south of KIT)

Scanning electrochemical microscopes (SECM), scanning electrochemical cell microscopes (SECCM), atomic force microscopes (AFMs), electrochemical equipment (EQCM, potentiostats), FIB/SEM

Christine Kranz @ institute	Link institute	Link lab equipment
<a href="https://www.uni-ulm.de/en/nawi/instituteof-analytical-and-bioanalyticalchemistry/research/research-group-kranz/">https://www.uni-ulm.de/en/nawi/instituteof-analytical-and-bioanalyticalchemistry/research/research-group-kranz/</a>	<a href="https://www.uni-ulm.de/en/nawi/instituteof-analytical-and-bioanalytical-chemistry/">https://www.uni-ulm.de/en/nawi/instituteof-analytical-and-bioanalytical-chemistry/</a>	<a href="https://www.uni-ulm.de/en/nawi/iabc/institut/service/">https://www.uni-ulm.de/en/nawi/iabc/institut/service/</a>

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