

ESEAC 2024

The 19th International Conference on Electroanalysis (ESEAC) took place in Ulm, Germany from July 23-26, 2024, chaired by Christine Kranz and Fred Lisdat. ESEAC has a long tradition and was first initiated in the 1980's by a group of electroanalytical chemists and is mainly based in Europe. About 188 scientists and exhibitors came to Ulm and contributed to the success of ESEAC 2024, which covers all aspects of modern electroanalytical chemistry. ESEAC 2024 focused on the following topics:

Electrochemistry of small molecules and biomolecules, electrode preparation techniques with emphasis on low-cost procedures for point-of-need applications and enhanced performance by different carbon and carbon nanomaterials, the detections of ions and metals in different matrices, the study of lipid layers by electrochemical means, scanning electrochemical microscopy (SECM)-based methods and modeling approaches, biosensors using aptamers and enzymes, electrochemiluminescence-based detection principles and imaging approaches as well as the combination of electrochemistry with other methods in order to study surfaces and surface processes. In addition to the plenary, keynote and invited talks, the ESEAC 2024 featured 60 contributed talks, providing a platform for young scientists to gain their first conference experience. Thus, a considerable percentage of the oral slots was dedicated to Ph.D. students. Furthermore, there were two long poster sessions with more than 88 posters, which promoted intensive discussions. The poster sessions also included 8 best poster prizes (four for each poster session) selected by a poster award committee. The poster prizes, which included cash and book prizes, were awarded during the closing ceremony of the conference. The conference also included an excursion to Blaubeuren, a small historic town near Ulm, known for its archeological findings and the "Blautopf". After the excursion, the participants enjoyed a conference dinner. At the conference dinner, special thanks were given to the plenary speakers:

Prof. Dr. B. Jill Venton (University of Virginia, USA)

Prof. Dr. Robert Gyurcsanyi (Budapest University of Technology and Economics, HU)

Prof. Dr. Janine Mauzeroll, (McGill University, CA)

Prof. Dr. Wolfgang Schuhmann (Ruhr University Bochum, GER)

The ESEAC conference in Ulm continued the tradition of European Meetings on electroanalytical chemistry, presenting novel developments and applications including also developments and applications in the field of bioelectrochemistry.