Publications:

Experimentation and numerical modeling of cyclic voltammetry for electrochemical micro-sized sensors under the influence of electrolyte flow
Publication: Research - peer-review › Journal article – Annual report year: 2016

Hydrodynamics studies of cyclic voltammetry for electrochemical micro biosensors
Publication: Research - peer-review › Journal article – Annual report year: 2015

Numerical Modeling of Microelectrochemical Systems
Publication: Research › Ph.D. thesis – Annual report year: 2015

Simulating cyclic voltammetry under advection for electrochemical cantilevers
Publication: Research - peer-review › Journal article – Annual report year: 2015

Projects:

Quantity of Interest Tomography
Project: PhD

Mathematical Modelling and Optimization of Nano Mechanical Devices
Project: PhD