



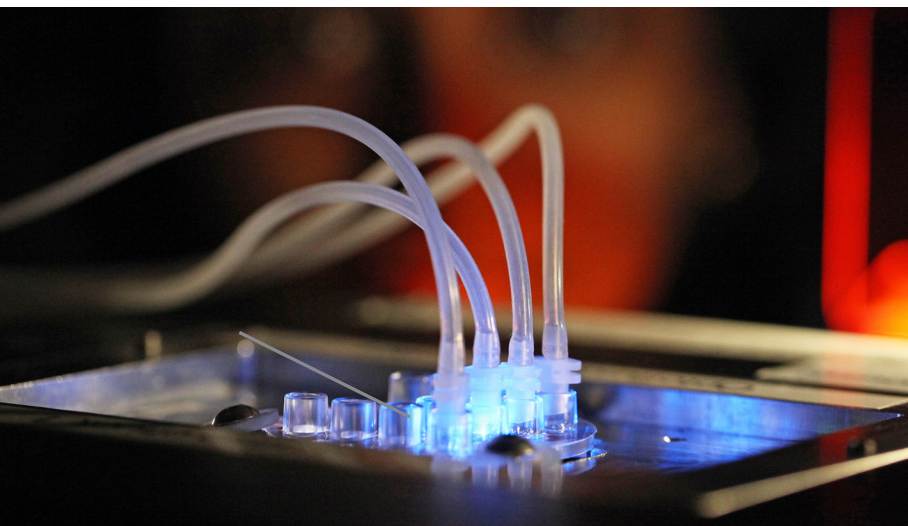
PolyNano@DTU

Summer School 13 August - 31 August 2018

Get theoretical and hands-on training in bioanalytical and opto-fluidic applications. Learn industrially relevant fabrication techniques for easier transfer of lab-on-chip systems (LOCs) to the market. And get insights to the process of transforming scientific results into a commercially viable solution.

The summer school is open to students with either engineering and/or bio-chemical backgrounds because we want to build a common language between researchers with different backgrounds. As a result, you will practice tackling the challenges of communication between different scientific disciplines in true cross-disciplinary research throughout the course.

The school has three parallel experimental tracks to choose from: 1) Electrochemical bioanalysis, 2) optical trapping and 3) DNA nanofluidics.



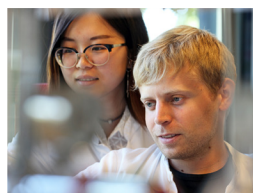
Read more here:

www.nanotech.dtu.dk/polynano-summer-school



What can I do after the course?

- Describe and analyse the needs for industrially relevant fabrication of polymer Lab-on-Chip systems from an industrial point of view
 - Construct a polymer chip using injection moulding and/or nanoimprint lithography
 - Prepare the chip for the bioanalytical, biomechanical and nanofluidic measurements in question
 - Make the relevant measurements on the chip
 - Evaluate and analyse the experimental results
 - Present the results and write a journal manuscript based on the experimental results
- **Sign-up deadline: 1 May 2018**



Read more here:

www.nanotech.dtu.dk/polynano-summerschool

