

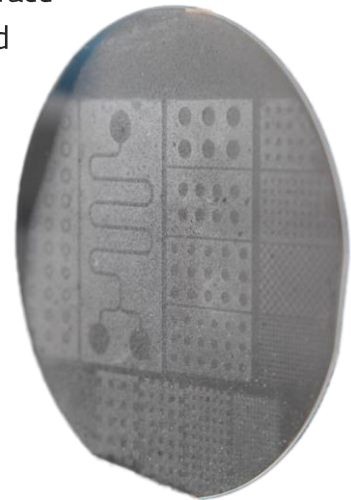
Internship at Surfix BV

Exploring new possibilities with the Surfix patterning methods

Surfix BV:

Surfix is a young and enthusiastic company developing and providing chemical surface modification, based on innovative nanocoatings for the micro- and nanotechnology market. With our proprietary surface modification technology, the surface properties of a large variety of materials can easily be controlled at the molecular scale, enhancing properties, performance and lifetime of our customers' devices.

This internship deals with the exploration of new possibilities with the existing in-house patterning methods for nanocoatings. The objective is to broaden the application area of the existing patterning methods, which are used to pattern flat surfaces. These patterning methods allow local control of the surface properties and generate new opportunities in the development of reliable micro- and nanoscale devices.



Basic requirements:

- Basic knowledge in chemistry/nanotechnology
- Experience in surface modification and/or fluorescence microscopy is advantageous
- A strong initiative, fun to work in a young team with a passion for surface chemistry and a strong sense for team-work
- Proficient in English
- Duration: minimum 6 months

Tasks:

- Prepare and characterize various types of patterned surface nanocoatings
- Characterize the patterned surface nanocoatings by contact angle measurements, infrared spectroscopy, optical/fluorescence microscopy and X-ray photoelectron spectroscopy (XPS)
- Give regular updates on the research via presentations
- Write a final report

We offer:

An open atmosphere with plenty of interaction with professionals in the field of surface modification. The possibility to develop your analytical, communication and presentation skills. In addition we encourage you to realize your own ideas and improve your organizational and problem-solving skills to successfully conduct your own detail-oriented research project.

Please contact Anke.Trilling@surfix.nl or visit www.surfix.nl for more information.