Internship / Thesis Process Analytics

We are the world’s leading chemical company because we offer intelligent solutions for our customers and for a sustainable future. We link and develop people with diverse talents all over the world. For you, this means a variety of ways to advance. Not only your performance but also your personality matter to us. At BASF, careers develop from opportunities.

Ludwigshafen is the world’s largest integrated chemical complex and home to BASF Group headquarters. Located in the heart of Europe’s Rhine-Neckar metropolitan region, you will find this to be an attractive place for both work and play.

Learn more about BASF SE at http://on.basf.com/Headquarters

What you can expect
Our group Process Analytical Technology is responsible for continuously operated process analyzers. These instruments allow to obtain information about concentrations of substances and properties of products within chemical production plants.

- You will test a novel miniaturized gas chromatograph for a continuous operation in a hazardous area of a chemical production plant.
- Within your own project you will test the novel gas chromatographs in the lab and in the field.
- You are going to make experiences with novel instruments for process analytical measurements and you will be involved in the installation of analytical devices in a chemical production unit.

What we expect
- You are pursuing a bachelor degree at university and you are majoring in chemical engineering, chemistry, physics or process analytics with over-average study results.
- You are interested in running analytical instruments, working with individual experimental set-ups as well as using programs for data acquisition.
- Ideally you would have some knowledge in German although this is not a prerequisite for successfully doing this project.

We offer
From day one you will be part of the BASF family. You will get involved in challenging fields of activity and have the opportunity to work on exciting projects in an interdisciplinary environment. Depending on the location of the respective group company you will get to know BASF and participate in various workshops and guided tours. In this way you will make numerous interesting experiences and get a deep insight into the world’s leading chemical company.

Information regarding internships: on.basf.com/internship
Join the best team. There are more than 110,000 other minds to connect with. Do you want to know more? Meet our employees for an online chat on http://www.on.basf.com/ConnectedMinds