



Ph.D. in the area of Materials Research

Research and Advance Engineering

Corporate success at Bosch is determined by innovation capability and an edge in know-how. Accept with us the challenge of new tasks by your willingness to permanently learn something new.

The Corporate Sector Research and Advance Engineering is in charge of designing, testing and exploring systems, components and technologies. Our innovations consistently aim to achieve an improvement in the quality of life. Renningen, near Stuttgart, is the new hub of the Bosch Group's global research and advance engineering activities. Here around 1,600 employees from the center for research and advance engineering will develop new materials, methods, and technologies, along with new systems, components, and production processes.

Your responsibilities:

- You will be working in a team of scientists and engineers in close contact with leading universities and research institutes.
- Focus of your work will be on the micromechanical modeling of lithium-ion batteries.
- Your main contribution in this context will be the evaluation of the mechanical stability of different concepts for a protection layer of a lithium metal anode as well as the modeling of the lithium deposition at the interface between the protection layer and the lithium metal.

Your competences and qualifications:

- University degree in natural sciences or engineering or a comparable degree that includes courses in physics, continuum mechanics, material engineering or material science.
- Knowledge in the area of material modelling.
- Initiative, self organization and a systematic and result oriented work attitude. Studies in chemistry, materials science/materials engineering.

Make it happen. Apply now.

Date: 12.05.2015
Reference no.: DE00363812
Nation: Deutschland
Location: Renningen



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Use our online application form and your information will reach us safely and quickly.

Contact Business Department

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