Shaping innovation.

R&D Scientist (m/w/d)

Coatema Coating Machinery GmbH is a leading innovator in the field of coating, printing, and laminating technologies. With over 40 years of experience, the company designs and manufactures cutting-edge equipment for sheet-to-sheet and roll-to-roll applications across diverse industries, including advanced batteries, solar, medical, pharmaceuticals, fuel cells, and printed electronics. Coatema is home to one of the world's largest research and development centers dedicated solely to coating technology. This state-of-the-art facility fosters an environment where scientists and engineers collaborate on numerous research projects to develop breakthrough solutions that push the boundaries of innovation.

Your tasks:

- Planning and conducting experiments on pilot scale machinery in the Coatema R&D Centre
- Analysing and reporting of experimental results
- Actively managing and reporting on the projects you are responsible for
- Conducting numerical modeling and CFD simulation (COMSOL) of coating and drying of thin films
- Optimisation of Coatema products using simulation techniques
- Translating research results into industrial products
- Presentation at project consortium meetings
- Exchanging knowledge with research partners
- Networking with German and international companies and R&D institutes/universities
- Participating and presenting in scientific events (conferences, exhibitions, etc.)
- Traveling within Europe for project meetings and conferences
- Contributing to the research strategy of Coatema

Your profile:

- MSc in Applied Physics, Chemical Engineering, Mechanical Engineering or other relevant disciplines/PhD is advantage
- Fundamental knowledge of statistics and data analysis
- Fundamental knowledge of numerical modeling and CFD simulation (COMSOL, OpenFOAM, Ansys)
- Programming skills are an advantage (e.g. Python, C++, Java)
- Analytical thinking skills and Hands-on mentality
- Industrial work experience is an advantage
- Interest and/or experience in managing funded projects
- Familiarity with participating in funded projects is an advantage
- Interest and commitment to the „next thing "
- Excellent communication skills
- Excellent written and verbal skills in English language. German knowledge is an advantage.

We offer:

- Competitive salary and opportunities for Professional Growth and Development/Possibility in becoming an expert in the field of solvent based coating and drying
- Open and direct communication in a dynamic team with flat organisation
- Translation of your skills into technology 2 market
- Technological versatility of Coatema with themes like Fuel cell, Hydrogen technology, printed electronics, batteries and more deep tech
- Work-Life Balance with flexible working hours & 1 day homeoffice/week
- Contribution for company pension, EGYM Wellpass membership and Job bike as well as employee discounts

Apply now

We look forward to receiving your detailed application at vvillari@coatema.de, stating your salary expectations and possible starting date.

Contact

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