

DSM (China) Limited

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Royal DSM N.V. – the Life Sciences and Materials Sciences Company

Royal DSM N.V. creates innovative products and services in Life Sciences and Materials Sciences that contribute to the quality of life. DSM's products and services are used globally in a wide range of markets and applications, supporting a healthier, more sustainable and more enjoyable way of life. End markets include human and animal nutrition and health, personal care, pharmaceuticals, automotive, coatings and paint, electrical and electronics, life protection and housing. DSM has annual net sales of almost EUR 9.3 billion and employs some 23,500 people worldwide. The company is headquartered in the Netherlands, with locations on five continents. DSM is listed on Euronext Amsterdam. To learn more about DSM, please visit our website at www.dsm.com.

The fundamental materials research for DSM's Performance Materials Business groups and the DSM's Life Science Cluster as well as the various Emerging Business Areas, is done by the research unit DSM Ahead. Next to Chemistry and Technology, DSM Ahead's Materials Science Research Center (MSC) is providing solutions for problems concerning material processing and properties. Based on fundamental understanding we provide ongoing support of several business groups in their efforts to improve, innovate and refine their products. The MSC is located at the Geleen (Netherlands) based Research Campus and comprises about 130 people.

Due to the growing business potential and needs in the Asia Pacific region, DSM is building a Performance Materials Research Centre in Shanghai with a strong focus on DSM Engineering Plastics. In this Performance Materials Research Centre, materials experts are conducting research projects and supporting regional product and application developments. All activities in this materials science field will be aligned and steered globally. For the Material Science Centre in Shanghai we are looking for:

RESEARCH SCIENTIST APPLIED RHEOLOGY, PROCESSING & INJECTION MOLDING

The Challenge

You will work at the interface between R&D and the business in solving both short and long term problems in the fields of Injection Molding, Polymer Shaping, Blow Molding, Film Formation etc. You will take up projects with a high-end scientific approach utilizing your understanding of fluid mechanics, rheology, polymer physics, (numerical) modeling. As a Research Scientist you will analyse the problems with business relevance; through studying scientific literature combined with your detailed understanding of the process, you will cooperate with experts in order to find solutions through experimental work and modeling. As the face of Processing and Injection Molding you will provide advice and support in order to solve problems. Thereby, your in-depth analysis will guide the development of products and applications for DSM. In addition, you will also play a pinnacle role in operating at the frontline of processing technology, searching for new developments in the field. With your expertise, you will be guiding colleagues and customers across the globe on processing issues.

The Ideal

You have a PhD in the area of Mechanical Engineering, Applied Physics or Chemical Engineering. Ideally you have experience in at least two of the following areas; Fluid Mechanics, (Applied) Rheology and Polymer Physics. In addition, you demonstrate an affinity for (numerical) modeling (eg FEM). Furthermore, you are able to guide and represent Processing and Injection Molding expertise both internally and externally. You demonstrate strong communication skills and have the ability to take initiative; you are actively searching for new ideas, understanding problems, which are relevant for the business, and implementing workable solutions. You are capable of working in close collaboration with other professionals from different fields and maintaining close working relationships with professionals working at the MSC in Netherlands. Fluency in Chinese (preferably native speaking) and English is crucial to establish these challenging working relationships. Finally, you are both a conceptual and critical thinker, able to dive into detail where required as well as able to generate creative solutions.

If you are interested in this challenging job and see a good fit with your qualities, please send your resume (in English) to DSM: Qing.Jin@dsm.com, before February 18th 2013