

Rennes, July 8th, 2019

JOB OFFER

SUBJECT: 18-MONTH POST-DOCTORAL FELLOW POSITION

DEMETA, an innovative and fast-growing company based in Rennes, France, develops next-generation catalysts for green chemistry. With its first technology platform, olefin metathesis, DEMETA commercializes its NexTene™ resins, a family of high-performance materials for industrial applications, especially in the fields of Oil & Gas and Performance Composites.

DEMETA's initial technology was invented in Rennes Chemical Engineering School ENSCR. This family of thermoset resins is currently being industrialized and pre-commercialized. DEMETA and Rennes 1 University are looking for a postdoctoral fellow to identify and develop new co-monomers and catalytic systems, which bring new functionalities to the material.

The postdoctoral contract will last 18 months. The selected candidate will be an employee of the Université de Rennes 1, in the laboratory of Prof. Jean-François Carpentier, but will work approximately 80% of his time in DEMETA's facility.

This postdoctoral fellow will be under the co-responsibility of Dr. Sophie Guillaume and Dr. Evgueni Kirillov, from Université de Rennes 1, and will work in close collaboration with Dr. Pierre Queval, R&D Manager at DEMETA, and Dr. Frédéric Caijo, Chief Scientific Officer at DEMETA. Its tasks will consist in:

1. In-depth bibliography review;
2. Identification and synthesis of new comonomers and catalytic systems;
3. Polymerization;
4. Characterization and evaluations of the polymers;
5. Recommendations on the most promising strategies;
6. IP filing.

The postdoctoral fellow will have to use his scientific knowledge (bibliography, organic synthesis, catalysis, material sciences, structure-property relationship, mechanical and thermal properties, intellectual property, etc.) and be practical.

The candidate must be enthusiastic, motivated, curious, independent, responsive and able to work in a team. A significant experience in molecular synthesis is necessary. This Post-Doc should normally lead to a full-time position within DEMETA as R&D manager, based in Rennes.

Please send your applications (CV and cover letter) to Frédéric Caijo, Scientific Director (frederic.caijo@demeta-solutions.com) and Dr. Evgueni Kirillov, Associate Professor at University Rennes 1 (evgueni.kirillov@univ-rennes1.fr).