

Postdoctoral position in condensed matter chemistry of molecular materials

The MaCSE group at the Institut des Sciences Chimiques de Rennes, France is recruiting an outstanding postdoctoral researcher to join a multi-disciplinary team of scientists exploring synthetic chemistry and physical properties (electric and magnetic) of the condensed matter. The main objective of the project is to harness crystal engineering approach of molecular materials, particularly based on charge transfer and halogen bonding interactions, to tailor their physical properties. The postdoctoral fellow will be a lead investigator of the project and closely work with Dr. Marc Fourmigué and Dr. Ie-Rang Jeon.

Qualifications:

We are looking for a highly qualified postdoctoral researcher with superior knowledge and hands-on experience in organic/organometallic synthesis under inert atmosphere, single-crystal growth, electrochemistry, and evaluation of condensed matter physical properties. Additional expertise in theoretical calculations and electric measurements would be appreciated. Successful applicants will have high motivation and interest in pursuing research, a track record of research productivity, interdisciplinary skills, and enthusiasm to achieve project goals. Candidate must have completed their PhD in chemistry.

Position:

A Full-time temporary employment. One year contract starting in September-October 2017 with a possibility of extending an additional year.

Application:

Please forward (1) a cover letter and (2) a curriculum vitae to Dr. Ie-Rang Jeon (ie-rang.jeon@univ-rennes1.fr).