



Marie Skłodowska-Curie
Actions



Waterford Institute of Technology
INSTITIÚID TEICNEOLAÍOCHTA PHORT LAIRGE

Convergent Technologies Research Group

Waterford Institute of Technology

www.wit.ie

The Convergent Technology Research Group (CTRG) in the School of Engineering is looking to host an experienced researcher via funding through [Marie Skłodowska-Curie Individual Fellowships](#). In order to secure funding, the experienced researcher must develop a proposal with the host for the September 12th 2018 deadline.

Company Description

The Convergent Technologies Research Group (CTRG) at Waterford Institute of Technology (WIT) is an interdisciplinary applied research group specialising in the medical device and materials industry, specifically to provide technological solutions in the field of smart materials, microelectronics and biomedical technologies.

Project idea and researcher opportunities

Research Field: Information Science and Engineering ENG/ Life Sciences LIF/

The CTRG group has an international reputation of excellence for first in world smart material development. The proposed research area includes the development of electroactive polymers for actuating and energy harvesting applications. The Fellow will be trained on the use of novel processing techniques such as supercritical fluid technology. During the two year period the fellow researcher will collaborate with international industrial and academic partners for future enabling technologies of smart materials.

Researcher Requirements

- The researcher must fulfil the MSCA-IF mobility and experienced researcher requirements.¹
- Proven experience and deliverables in the following areas: (i) Polymer Processing (ii) Materials Characterisation (iii) Electroactive Materials (iv) Cell Culture (v) Engineering Design (vi) Materials Chemistry (vii) Project Management

Contact information

If you are interested in applying for a MSCA-IF with *the Convergent Technologies Research Group* please contact *Dr Austin Coffey*. Email: acoffey@wit.ie LinkedIn: <https://www.linkedin.com/in/austin-coffey-15b00813/>

¹ **MSCA-IF mobility:** The researcher must not have resided or carried out the main activity (work, studies, etc.) in the country of the beneficiary for more than 12 months in the 3 years immediately before the call September 12th deadline (flexible 36 months in the 5 previous years if eligible for career restart or reintegration fellowship <https://www.iaa.ie/irish-marie-curie-office/funding-calls/individual-fellowships/>)

Experienced researcher requirements: The researcher must have at least 4-years full time research experience or hold a doctorate before the September 12th deadline.