



Gooch & Housego is a £60m turnover technology business headquartered in Ilminster Somerset, UK with operations in the USA and Europe. A world leader in its field, the company researches, designs, engineers and manufactures advanced photonic products for applications in lasers, telecommunications, semiconductors & microelectronics, aerospace & defence and life sciences. Our Ilminster facility has the following vacancy:

EARLY STAGE RESEARCHER

Marie Curie Fellowship – Gravitational Wave Initial Training Network (GraWIToN)

Gooch and Housego are looking to recruit a Physics/Optical Engineer as an Early Stage Researcher within their R&D department. The successful candidate will investigate “Adhesive Free Bonding of Exotic Materials”. The project forms part of the optical sub programme of the EU funded program “GraWIToN”. Working closely with researchers at both Gooch and Housego and the University of Glasgow the successful candidate will be responsible for developing our existing adhesive-free bonding techniques and applying them to new optical materials and components such as sapphire and YAG. The candidate will be expected to undertake their own research, collaborate within the ITN, contribute to research papers, lab meetings and attend workshops, secondments and conferences as appropriate.

GraWIToN is an Initial Training Network, funded by European Commission under FP7-Marie Curie Actions for four years, from the 1st of February 2014. GraWIToN aims to train 13 young researchers (PhD students) in the gravitational wave (GW) search field. This research field is in an impressive expansion period; in fact a new generation of detector is under installation and commissioning in these years. Advanced Virgo and Advanced LIGO promise the exciting discovery, in few years, of the first GW signal, predicted by the Albert Einstein General Relativity. The project links both academic and industrial partners offering experience in both environments and excellent opportunities for advancement. The network also includes an extensive training programme consisting of schools, research activities and secondments in the labs of the participating partners. For more information see www.grawiton-gw.eu.

You will have a good Honours degree Physics, Engineering or Physical Chemistry or related subjects. Experience of handling optical components or of joining technologies would be of benefit. The position is funded for 36 months. The successful candidate will be employed by Gooch and Housego (UK) Ltd and will be based at their headquarters in Ilminster, Somerset, United Kingdom. They will also be enrolled for study towards a PhD in the Institute for Gravitational Research, University of Glasgow, and will be seconded to this facility for a few months. The position attracts a salary in the region of £28900 pa.

According to the regulations for mobility within the Marie Curie programme, the researcher must not have carried out his/her main activity (work, studies, etc) in the country of his/her host organisation (in this case, the United Kingdom) for more than 12 months in the 3 years immediately prior to recruitment. All candidates are advised to visit the following website to obtain further details of the eligibility requirements for Marie Curie initiatives, see particularly page 8 to assess your criteria before making an application: - http://ec.europa.eu/research/mariecurieactions/documents/about-mca/actions/iof/marie-curie-actions-fellowships-people-wp-201301_en.pdf

Working within a dynamic, expanding multi-national company at the forefront of optical technology, this is an exciting role offering the opportunity to work towards a higher degree by research while working in an industrial environment and as part of a wider active research community.

Please e-mail a covering letter and CV to grawiton@goochandhousego.com

Closing date: 14th December 2014

Proposed Start date: 1st February 2015.