

Join one of the world's most innovative technology companies

Kromek is a fast-growing Anglo American platform technology company recognised globally as a game-changing innovator in the field of digital x-ray and radiation detection and imaging technology for the security screening, medical imaging and nuclear detection markets.

Specializing in developing end-user radiation detection products utilizing proprietary CZT semiconductor and industry standard scintillation detector technologies, Kromek's product portfolio is growing fast with significant new product /new market opportunities for these disruptive technologies.

Excellent salary and benefits package

Kromek is looking for exceptionally talented, ambitious and motivated individuals seeking an international role within a young, highly progressive technology firm and would like to hear from high-calibre individuals who can take the company forward.

For more information on this position and other opportunities, contact: Julie Savage on 01740 626060, or email: recruitment@kromek.com

Radiation Detector Physicist (Graduate)

The Opportunity

We have an opportunity for a Radiation Detector Physicist to join our team in development of new products utilizing proprietary CZT semiconductor material. This position will be based at our Sedgefield site.

Responsibilities:

- Working within an experienced team of scientists and engineers on research and design of detector systems, both theoretical and practical
- Simulation and modelling radiation detector systems
- Scientific testing and characterisation of new radiation detectors
- Algorithm development
- Report writing and presentation of results

Essential skills and experience:

- First or 2:1 MSc degree or PhD (preferable) in Physics
- Knowledge and practical experience of radiation detector instrumentation
- Experience of physics simulation tools, such as GEANT4 or COMSOL
- Experience of programming languages, such as C++, ROOT, Python
- High standard of data analysis and critical thinking
- Experience and willingness to work in teams

Desirable skills and experience:

- Understanding of radiation detector electronics, signal generation, interfacing and data processing
- Demonstration of the delivery of the essential requirements in an industrial environment
- Willingness to travel both within the UK and internationally
- Able to present to customers and in a conference or sponsor environment

The Benefits:

- Life Assurance
- Stakeholder pension scheme
- Share Options
- Private Health Insurance Scheme
- 25 days holiday plus statutory days