



## JOB ADVERT

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### **Senior Physicist – Maynard MA**

Symetrica is developing a range of new detector technologies that are targeted at providing a step change in the capability of ionizing radiation detection, identification and location equipment for Homeland Security. The successful candidate will interact with Homeland Security experts, government laboratories, leading international bodies and provide expert analysis and active problem solving.

#### **Responsibilities Include**

- Physics support for a wide range of gamma and neutron detection sub-systems.
- Testing and validation of new detection systems (System Qualification Testing, Proof of Capability testing etc.)
- Supporting production activities as required
- Have flexibility to travel in the USA overseas to support company activities

#### **Desired Skills & Experience**

- Practical experience with gamma-ray and/or neutron detection systems
- BSc, MS or PhD in Physics, Nuclear Engineering or a related discipline
- Excellent written, verbal communication and reporting skills
- Experience of testing and evaluation of detection systems at or with National Laboratories
- Ability to work at Government facilities without additional security procedures

#### **Other Useful Skills**

- Experience in mathematical modelling GEANT4 or MCMP
- Ability to gain secret clearance

#### **Company Description**

Symetrica is a rapidly growing company that specializes in the detection and identification of radioisotopes for Security Applications. In MA we manufacture state-of-the-art detection systems and prototypes designed to be used to provide law enforcement personnel, customs officers, the emergency services, military personnel and first responders new detection and identification technologies.

*For more information please see [www.Symetrica.com](http://www.Symetrica.com). To apply, please send a Resume with covering letter to [e.sheahan@symetrica.com](mailto:e.sheahan@symetrica.com) Ref: PHY.*