**Helion Energy**

**Position in Computational Fusion Plasma Physics**

Helion Energy is a dynamic technology company where employees can learn, mentor, and thrive. We bring together a strong entrepreneurial spirit with the flexibility and velocity of a smaller organization. We are engaged in one of the most critical and challenging entrepreneurial endeavors of our time. Join us and be part of the ultimate solution to one of humanity’s most pressing problems.

**What we need:**

Helion Energy has a unique opportunity for a Computational Plasma Scientist. Your work will focus on developing and implementing computation plasma physics codes for Helion’s latest high-temperature fusion generator.

**Responsibilities:**

Development of computational tools to support the modeling of Field Reversed Configuration divertors.

Operation and implementation of our existing MHD fluid computational tools.

You are conveying insight into the design of future prototype enhancements and operating modes.

**Qualification:**

Research engineer/scientist working in computational plasma physics with emphasis on magnetic confinement, stability, plasma-wall interaction, and fusion divertors,

Experience in the development of resistive MHD and Particle-in-Cell codes and a deep theoretical understanding of compact toroid physics,

Demonstrated ability to articulate analysis and methodologies clearly and communicate insights in an accessible way to the team,

Must be able to conceive of solutions that have not been already defined,

Experience working with sizable real-time data streams.

Please contact Bo Cole [bcole@helionenergy.com](mailto:bcole@helionenergy.com)