

# POST-DOCTORAL RESEARCH OPPORTUNITY IN PLASMA CONTROL

Scientists at General Atomics are developing control solutions for reliable, low disruptivity operation of reactor-relevant scenarios with collaborators at multiple tokamaks around the world. We currently have an excellent opportunity for 2 post-doctoral scientists to help lead research in the control that is indispensable to the development of practical fusion in a tokamak.

In this position, the researchers will develop, implement, and experimentally evaluate new control solutions focused on:

- Disruption and MHD transient avoidance
- Model-based control and uncertainty quantification
- Physics-based and ML-based control methods

The researchers will collaborate with an international team, work at the forefront of tokamak control, and present scientific results in papers and at conferences.

These positions will be administered by Oak Ridge Associated Universities and will be located at the DIII-D National Fusion Facility in San Diego, CA with the expectation of occasional travel to KSTAR (in Daejeon, South Korea) (and potentially other devices) for experiment participation.

For additional information and to apply please contact:  
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