POST-DOCTORAL RESEARCH OPPORTUNITY IN MAGNETIC FUSION ENERGY

The DIII-D National Fusion Facility is the principal magnetically confined fusion experiment in the United States. DIII-D scientists work to establish the physics basis needed to make fusion energy a reality.

DIII-D NATIONAL FUSION FACILITY SAN DIEGO

We are now evaluating candidates for a post-doctoral researcher position we anticipate becoming available in the summer of 2025. Research opportunities for this position exist across the whole DIII-D program, which includes the topics of:

- Plasma control, transient control, and disruption mitigation
- ITER, steady state, pulsed, and negative triangularity scenarios
- Pedestal physics, core-edge integration, and ELM avoidance/mitigation
- Divertor detachment, innovative divertors, and plasma-material interaction
- Heating and current drive, actuators, and diagnostics
- Turbulence and transport

Projects can be somewhat tailored to fit the successful candidate's skills and expertise. This position will be administered by Oak Ridge Associated Universities and will be located at DIII-D (in San Diego, CA).

For additional information and to apply please contact:
Dr. Colin Chrystal, chrystal@fusion.gat.com