

Abstract Submitted
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DIII-D Research Program Progress and Plans¹ R.D. STAMBAUGH, AND THE DIII-D NATIONAL TEAM, General Atomics — The DIII-D Program seeks to establish the scientific basis for optimization of the tokamak approach to fusion energy. Recent progress has extended the duration of advanced tokamak (AT) modes with high β_N and H factors to several energy confinement times. Current drive and particle control tools are being developed to demonstrate AT modes for times up to the machine pulse length limit (5–10 s). These results and basic investigations in plasma stability, confinement, divertor, and wave and particle physics are building the basis for a number of future fusion initiatives.

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- Prefer Oral Session
 Prefer Poster Session

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Special instructions: DIII-D Oral Session 1, first speaker

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