

Abstract Submitted
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Advancing Precollege Science Education¹ R.L. LEE, for the General Atomics Fusion Group Education Outreach Team, General Atomics — The General Atomics Fusion Group Education Outreach Program, with support from DOE, has been active in reinforcing topics in contemporary science education and advancing concepts in plasma physics and fusion science to many middle and high school students. This requires active involvement among educator, scientist, and student. The outreach program strives for active participation in the learning process via stimulating and memorable demonstrations and interactive displays. It also provides a videotape on fusion and curricular material to teachers for classroom discussion covering topics such as the electromagnetic spectrum, radiation, energy, magnetic and inertial confinement fusion, CAD, data acquisition and computers, and energy. The program is continuing its direct involvement with area educators to help shape material and demonstrations which are grade appropriate, relevant, provide hands-on activities, and stimulate thinking and discussion. Recent program enhancements include increased material development, tour station upgrades, scientist visits to classrooms, increased web activities, and work towards completion of an interactive CD-ROM. Examples from curricular material, student activities, and demonstration stations will be discussed.

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- Prefer Oral Session
 Prefer Poster Session

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