

American Nuclear Society  
Northern California Section  
Dinner Meeting

*LASER INERTIAL FUSION ENERGY (LIFE)  
OVERVIEW AND DELIVERY\**



Wednesday Nov. 7, 2012

Dr. Susana Reyes

Lawrence Livermore National Laboratory

The National Ignition Facility (NIF), the world's largest and most energetic laser, is now fully operational at Lawrence Livermore National Laboratory. In this talk we will discuss an approach to generating GW of electrical power using laser-driven targets that are based upon NIF demonstrations. A system-wide optimization provides a solution that produces competitive commercial power while only requiring moderate fusion gains. This "LIFE" concept addresses many of the long-standing challenges to timely delivery of commercial fusion power.

ANS members and non-members welcome.

To make reservations, or for more information, contact:

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Dinner: 6:30 p.m.

Program: 7:30 p.m.

Michaels at Shoreline  
2960 North Shoreline Blvd.  
Mountain View, CA



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