



**Trinity Section  
American Nuclear Society**

P. O. Box 5367, Albuquerque, NM 87185-5367  
<http://local.ans.org/trinity/>

**DINNER MEETING ANNOUNCEMENT**

**“Small Modular Reactors (SMRs)”**

**Speaker: Patrick McClure, Los Alamos National Laboratory**

**Abstract:** *Because of their potential to extend the application of nuclear energy to new markets and applications, Small Modular Reactors (SMRs) are attracting significant interest within and outside the nuclear community. This interest motivated the Department of Energy to establish an SMR program which has a target budget of \$39 million next year and a target budget of \$100 million per year in future years. The commercial industry now has several companies that are actively designing and marketing SMRs for potential domestic and international deployment. Many of these companies will be a part of the DOE SMR program.*

*LANL is currently working on one of the proposed SMR designs and has ties to several other of the SMR concepts currently being developed. LANL is also involved in the DOE SMR program. This talk will present the current set of SMR designs being proposed and the specific objectives of the DOE SMR program in relation to the proposed concepts. It will also present the potential future of SMRs and examine the challenges that SMRs face in deployment.*

**Biography:** *Patrick McClure is the LANL point of contact for the DOE SMR program and the project leader for the Hyperion Power SMR concept (Hyperion Power is a venture capital funded startup company dedicated to developing and deploying SMRs). He has been at LANL for 16 years and has over 22 years of experience in the nuclear power industry. Mr. McClure’s background is in nuclear reactor safety and licensing.*

**Place:** **Courtyard by Marriott, Santa Fe**

3347 Cerrillos Road, Santa Fe, NM (505-473-2800)

**Directions:** From Albuquerque, take 1-25 North approximately 55 miles to Exit 278 (Cerrillos Road). Hotel is located 3 miles on the left-hand side of Cerrillos Road, just before Richards Avenue.

**Date:** **September 24, 2010**

**Time:** **6:00** Social Hour with Cash Bar

**7:00** Buffet Dinner (with Chicken Scaloppini and Confetti Crusted Trout)

**7:45** Speaker

**Cost:** *\$30 per person,  $\frac{1}{2}$  price for students and children*

**We strongly encourage you to sign up and pay for this event using our PayPal payment account. Visit the “Calendar” page of our web site (<http://local.ans.org/trinity/calendar.html>) and select the appropriate payment button. You may use your own credit card and do NOT need to have a PayPal account to make the payment.**

**RSVP:** If you do not use PayPal payment, please RSVP no later than Sep 20<sup>th</sup> to:  
Tracy Radel: [tradel@sandia.gov](mailto:tradel@sandia.gov) (505-844-8264) or  
Bill Flor: [wjflor@lanl.gov](mailto:wjflor@lanl.gov) (505-665-8768).

*RSVP must be received by 20 Sep in order to give final numbers to the caterers. While we strongly encourage everyone to use online payment to sign up and prepay, an RSVP is a commitment to attend/pay at the door. We cannot afford “no shows” after the final count is given to the caterers, as the Section is partially subsidizing the cost of this event. If you cancel after 20 Sep, you will still be responsible for paying.*