

# Annual December SAMPE, ASM, and ASME Meeting

**Sunday, December 7**

**PLACE:** Savoy Bar & Grill, 10601 Montgomery Blvd. NE, Albuquerque, NM 87111;  
Phone: 294-WINE (9463)

**TIME:** 6:00 pm social time, 6:30 pm dinner, 7:30 pm speaker

**Title:** Widespread Adoption of Renewable Energy: Challenges and R&D Opportunities



**SPEAKER:** Dr. Jeffrey S. Nelson, Solar Technologies Department, Energy and Infrastructure Futures Group, Sandia National Laboratories, Albuquerque, NM 87185

**Abstract:** Increased energy security, decreased dependence on fossil fuels, improved energy efficiencies, and reduction in CO<sub>2</sub> emissions are primary drivers for future DOE/DOD military installations and civilian energy infrastructures. These goals suggest a greater reliance on centralized and distributed renewable energy (RE). As the RE content of our energy infrastructure increases, serious issues associated with availability and reliability of our electricity emerge. Because of this, new technologies will need to be developed to convert, route, and store diverse sources of energy. In this presentation, I will discuss these challenges and highlight R&D opportunities in solar electric, wind, geothermal, and solar fuels.

**COST:** Cost is \$50 per person; Cash or Check to SAMPE will be accepted

**MENU: Salads:** Butter Lettuce and Warm Spinach & Endive

**Entrees:** Goat Cheese Ravioli, Beef Sirloin Steak, and Cedar Planked Salmon

**Desserts:** Turtle Cheesecake, Warm Apple Tart Tatin

Cash Bar

Please contact Merry Tidwell at (505) 845-1376 (voice mail) or [mtidwel@sandia.gov](mailto:mtidwel@sandia.gov) to make your reservations. Reservations must be made no later than 3 pm on Wednesday, December 3. We look forward to seeing you there.