

## CURRENT ISSUES IN LWR CORE DESIGN AND REACTOR ENGINEERING SUPPORT-PANEL

### Session Organizer: Moussa Mahgerefteh (Exelon)

This will be a panel session with members invited from utilities, fuel vendors, and universities. The focus of the presentations will be to share current core design capabilities, developments, and methods for addressing issues impacting core designs and associated reactor engineering support activities. Particular issues may include recent operating experiences, post-Fukushima and accident-tolerant fuel (ATF), load follow and alternative to load follow, fuel and poison management economics and cycle length, and new developments in and impact of primary chemistry.

**Panelists:** Alireza Haghghat (*Virginia Tech*)  
Bill Gassmann (*Exelon Generation*)  
Eugene Moore (*Duke Energy*)  
Arthur Motta (*Penn State University*)  
Kevin Segard (*Framatome*)  
James Tusar (*Exelon Generation*)