

Dear Colleagues,

The 2009 Gordon Research Conference on Nuclear Chemistry will be held June 21-26, 2009 at Colby Sawyer College, New London, New Hampshire, USA.

This message serves as a reminder that the May 31<sup>st</sup> deadline to apply is approaching. All are encouraged to apply online at <http://www.grc.org/application.aspx?id=8544>

The detailed program may be found on the Nuclear Chemistry conference web site <http://www.grc.org/programs.aspx?year=2009&program=nuchem>

With subtitle “Frontiers of Nuclear Structure through Spectroscopy and Reactions”, discussion topics include:

**Structure of light nuclei: Abinitio calculations and clustering**  
**Structure of exotic nuclei from spectroscopy and reactions**  
**Nuclear structure near exotic shell closures**  
**Advances in nuclear astrophysics**  
**Novel nuclear shapes and high-spin structure**  
**Production and spectroscopy of heavy nuclei**  
**Phonon excitations; algebraic models**  
**Structure from moments and transition rates**  
**Exotic decay modes and weak interactions**  
**New instruments for frontier research**

The submission of poster abstracts is invited at the time of application. Participation of students and younger scientists is strongly encouraged, for whom partial financial support may be available. Please contact the Chair.

The 2009 conference continues the tradition of focusing on ‘Nuclear Structure’ in the odd years. However, we are entering a period of transition: beginning in 2011, the Nuclear Chemistry GRC will move to a biennial cycle combining the ‘Structure’ and ‘Reactions’ themes. The subtitle for the 2009 GRC has been chosen to recognize that we are entering a new era in which there is increasing overlap of interest between ‘Nuclear Reactions’ and ‘Nuclear Structure’, particularly through radioactive beam research.

We recommend the Yale “Workshop on Nuclear Structure Physics near the Coulomb Barrier: Into the 21<sup>st</sup> Century”, June 18-20, 2009. Held biennially immediately prior to the Nuclear Chemistry Gordon Conference, the Yale Workshop provides a venue for the exchange of ideas and new developments, especially in university-based labs. It also provides an opportunity for younger scientists, en route to the Gordon Conference, to interact and give oral presentations on their research. See <http://wnsl.physics.yale.edu/events/June2009Workshop/Index.html>

Looking forward to seeing you in New Hampshire in June,

Andrew Stuchbery (Chair)  
Francesca Gulminelli (Vice Chair)

Please note that the US Visa Waiver program has changed beginning January 12, 2009 and ALL foreign nationals wishing to visit the US should obtain authorization from the US Department of Homeland Security using an online Electronic System for Travel Authorization, in advance of their departure. See [http://www.dhs.gov/xtrvlsec/programs/content\\_multi\\_image\\_0021.shtm](http://www.dhs.gov/xtrvlsec/programs/content_multi_image_0021.shtm)