Second circular for the 2016 R-matrix Workshop on Methods and Applications

Greetings,

It is our pleasure to provide the second circular for the 2016 R-matrix Workshop on Methods and Applications to be held at the Inn and Spa at Loretto in Santa Fe, NM June 27 to July 1.

Online abstract submission and registration is now available on the workshop website. The abstract submission deadline is April 1. Further details can be found at the workshop website: https://indico.fnal.gov/conferenceDisplay.py?confId=10228.

Invited Speakers

The following is the list of invited speakers:

Pierre Descouvmemont
Jutta Escher
Martin Freer
Hans Fynbo
Alexander Gubich
Stefan Kopecky
Satoshi Kunieda
Hye Young Lee
Eric Lynn
Denise Neudecker
Ken Nollett
Thomas Srdinko
Frank Strieder
Akram Zhanov

Schedule

The workshop will begin at 9 AM on Monday June 27 and will close Friday July 1 at noon. The first day morning session will feature a historical perspective by Gerry Hale and an introduction to the theory by Ian Thompson. The afternoon session will be target toward applied use of R-matrix codes. While it is planned that these sessions will be of interest to all participants, the sessions of the first day are specifically targeted at students.

The schedules for Tuesday through Friday will consist of groups of talks (3 to 4) on related topics, headed by an invited speaker, which will each be followed by a round-table discussion. Speakers are asked to provide topics or pose questions at the end of their talks to help jump-start the discussions.

Walkthrough AZURE2 Calculation

On Monday June 27 during the afternoon session, a walkthrough calculation of the $^{3}He(\alpha,\gamma)^{7}Be$ reaction using the R-matrix code AZURE2 will be provided. Participants will be given the necessary information and data for input into the code, but all participants provide their own laptops and have AZURE2 installed before the session in order to participate. AZURE2 is open source software that can be obtained at https://azure.nd.edu/.

Venue and Access

The workshop will be held at the Inn and Spa at Loretto, 211 Old Santa Fe Trail, Santa Fe, NM 87501, USA (https://www.destinationhotels.com/inn-at-loretto).

Major airlines serve Santa Fe via the Albuquerque International Sunport, just 60 miles to the south of Santa Fe. Regular shuttle bus service and the New Mexico Rail Runner connect the two cities, and rental cars are readily available.

Santa Fe Municipal Airport offers regular flights from a few major cities on an everyday basis. These flights sell out quickly and may be subject to change on various days.

Sandia Shuttle Express: Shuttle service runs from the Albuquerque International Sunport to downtown Santa Fe, (trip time 75 minutes).

Roadrunner Shuttle: With an advanced reservation, provides door-to-door service.

Rail Runner Train: Downtown Albuquerque to the Santa Fe train depot (next to Tomasita's restaurant, convenient to the Sage Inn and the Hotel Santa Fe). Bus connections from the Sunport to the train station transit throughout the day.

Registration

Registration is now open and can be made on through the workshop website (or here) and will remain so until the deadline of May 27. The conference registration fee is $200 and can be paid either through the online registration or in cash at the beginning of the workshop. Please note that hotel reservations are made separately. Please note that breakfast and lunch will be provided at the hotel venue (Monday through Friday) but participants will need to purchase dinner.

Support

We have limited support for students wishing to attend the workshop. Applicants should contact the workshop organizers.

Accommodation

Hotel accommodations can be made at the Inn and Spa at Loretto through May 27. Reservations can be made through the workshop website.

Best Regards,
James deBoer
On behalf of the workshop organizers

Mark Paris (co-organizer)
Gerry Hale
Goran Arbanas
Carl Brune
Morgan White
Ian Thompson