



FIESTA 2014

Fission **E**xperiment**S** and **T**heoretical **A**dvan**C**es

Sep. 8 – 12, 2014
Santa Fe, New Mexico, USA

<http://t2.lanl.gov/fiesta2014>

Second Circular

April 25, 2014

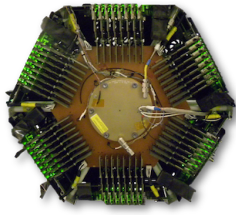
This is the Second Announcement of the International school and workshop on “Fission ExperimentS and Theoretical Advances – FIESTA 2014”, Sep. 8-12, 2014. The event will take place in beautiful Santa Fe, New Mexico.

FIESTA 2014 School

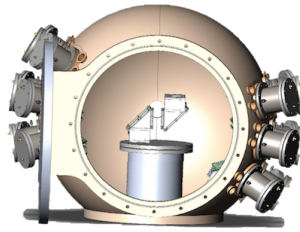
The FIESTA school aims at delivering a set of lectures addressing our current knowledge of the nuclear fission process. The school will be targeted at graduate students, postdocs and early-career scientists, but will be open to anyone interested in the topic of nuclear fission. It will provide a basic introduction to the following topics: fission cross-sections; fission fragment yields; prompt fission neutrons and photons; and the evaluation of nuclear data and their use in Monte Carlo transport simulations. Nuclear fission theories, model simulations, and experiments will be discussed.

The duration of the school will be two days. The first 1.5 days will include lectures on the aforementioned topics, and they will be followed by a half-day tour of the Los

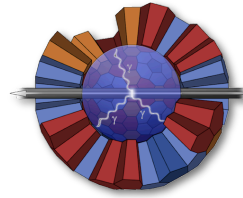
Alamos Neutron Science Center, with visits to several installations dedicated to fission research:



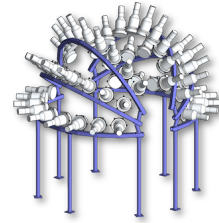
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The complete list of lectures and lecturers is given below, in alphabetical order:

- “Nuclear Fission in Transport Code Simulations,” **Forrest B. Brown**
- “Neutron and Gamma Emission in Fission,” **Friedrich Goennenwein**
- “The Importance of Nuclear Fission Data to Various Applications,” **John P. Lestone**
- “Fission Cross Section Theory,” **J. Eric Lynn**
- “Fission Shape Dynamics,” **Jørgen Randrup**
- “Fission Experiments,” **Fredrik Tovesson**
- “A Microscopic Theory of Fission,” **Walid Younes**

More details on the lecturers and the abstracts of each lecture can be found on our website at <http://t2.lanl.gov/fiesta2014>.

FIESTA 2014 Workshop

The 2-day school will be followed by a 3-day workshop dedicated to cutting-edge research in nuclear fission, spanning similar topics as in the School. Fundamental as well as applied research topics will be addressed: fission cross-sections, fission fragment yields, prompt fission neutrons and photons, surrogate fission reactions, beta-delayed fission, neutron counting, advanced experimental setups, etc. The workshop will be limited to approximately 40 talks to allow time for discussion and encourage healthy and constructive debates.

A preliminary list of Invited Speakers (in alphabetical order) is given below:

- **E. Bauge**, CEA, France
- **G. Bertsch**, Institute for Nuclear Theory, Seattle, USA
- **N. Colonna**, INFN-Bari, Italy
- **R. Grzywacz**, University of Tennessee Knoxville, USA
- **M. Heffner***, Lawrence Livermore National Laboratory, USA

- **M. Jandel**, C-NR, Los Alamos National Laboratory, USA
- **P. Möller**, Theoretical Division, Los Alamos National Laboratory, USA
- **R. Nelson**, Los Alamos Neutron Science Center, LANL, USA
- **A. Oberstedt**, Chalmers University of Technology, Sweden
- **J. Sheick**, University of Tennessee Knoxville, USA
- **G. Smith**, University of Manchester, UK
- **J. Taieb**, Commissariat à l'Energie Atomique, France
- **R. Vogt**, Lawrence Livermore National Laboratory, USA

*To be confirmed

Conference Dinner & Speaker

We will host a Conference Dinner on Thursday, Sep. 11, 2014. We will host a very distinguished speaker on this occasion. More details will be provided in the next circular.

Venue & Accommodation

The FIESTA school and workshop will take place in the Eldorado Hotel, a few steps away from the Historic Plaza in Santa Fe.



Eldorado Hotel

www.eldoradohotel.com

309 W San Francisco St
Santa Fe, NM 87501, USA
(80) 955-4455

A block of 40 rooms has been reserved for the school and workshop participants. The registration period is now open and accessible from our official website, or directly at

<https://bookings.ihotelier.com/bookings.jsp?groupID=1200354&hotelID=3601>

Rooms are available at the special U.S. government rate of 88 USD + taxes.

Participants are responsible for their own lodging reservations.

Registration

Registration for the school and workshop is open. The Workshop registration fee is \$250, and is due in full at the time of registration. Because our event is limited to about 60 participants, in the unfortunate case a registration has to be cancelled, we will refund this fee in full.

Please follow the Registration link from the Conference web site at <http://t2.lanl.gov/fiesta2014/>.

Each participant will be asked to choose among three categories: "School Attendee", "School Invited Lecturer", and "Workshop Attendee". A School Attendee can also opt to stay for the full workshop afterwards.

Support for School Participants: the registration fee is waived for all school participants. In addition, all participants can request support for accommodation, domestic economy travel, and per diem. Upon registration, school participants will be asked to provide a brief Statement of Interest in the school topics.

Support for Workshop Attendees: Limited financial support is also available to workshop attendees. Please let us know as soon as possible if you would like to request such support.

Abstract Submission

Abstracts for the workshop should be submitted at the time of registration. Simple ASCII text as well as LaTeX characters can be included. An abstract can be prepared in LaTeX locally, then copy-pasted inside the html open box reserved for it.

Lecture Notes

Lecture notes will be provided to all participants before the start of the school.

Workshop presentations will be made publicly accessible on our web site. We do not plan to publish any workshop proceedings.

Scientific Advisory Committee

- Eric Bauge, CEA, France
- Mark B. Chadwick, Los Alamos National Laboratory, USA
- Jolie Cizewski, Rutgers University, USA
- Yaron Danon, Rensselaer Polytechnic Institute, USA
- Franz-Joseph Hambsch, IRMM, Geel, Belgium
- Joseph H. Hamilton, Vanderbilt University, USA
- Robert C. Little, Los Alamos National Laboratory, USA
- Dennis McNabb, Lawrence Livermore National Laboratory, USA
- W. Nazarewicz, Oak Ridge National Laboratory/Univ. of Tennessee, USA
- Sara A. Pozzi, University of Michigan, USA
- Anil K. Prinja, University of New Mexico, USA
- Werner Tornow, Duke University, USA

Local Organizing Committee (LANL, USA)



- Patrick Talou
- Fredrik Tovesson
- Rhiannon Meharchand
- Robert C. Haight
- Toshihiko Kawano
- Marian Jandel
- Morgan C. White

Key Dates

First Announcement	March 26, 2014
Second Announcement	April 25, 2014
Abstract & Registration Due	June 6, 2014
Review Decision sent to the Authors	June 16, 2014
School Registration Deadline	June 20, 2014
Workshop Registration Deadline	July 30, 2014
Workshop Hotel Room Reservations Due	Aug. 8, 2014
School	Sep. 8-9, 2014
Workshop	Sep. 10-12, 2014

Contacts

If you have any questions regarding the school or/and workshop, please contact us at:
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