

International Conference on
Nuclear Theory in the Supercomputing Era – 2013

May 13 – 17, 2013

Ames, Iowa

This is the final circular of the NTSE-2013 International Conference to be held from May 13 to 17, 2013, in Ames, Iowa. This year's conference will celebrate **James Vary's** 70th birthday. We look forward to seeing you there.



Web site

All up-to-date information can be found at:
<http://www.cpm.iastate.edu/ntse2013/>

Agenda

The conference starts at **8:30 a.m.** on Monday, May 13, and ends at 5:00 p.m. on Friday, May 17. There will be a welcome reception on Sunday, May 12, from 5:30-6:30 pm. The program is available at the conference web site (under “Agenda”).

Important: All presenters must transfer their presentation to the presentation computer or personal laptops must be connected to the projector 15 minutes before their session starts.

Topics and keynote speakers

- I. *Ab initio nuclear structure* **Gaute Hagen** (Oak Ridge National Laboratory)
Jerry Draayer (Louisiana State University)
- II. *Microscopic approaches to nuclear reactions* **Petr Navrátil** (TRIUMF, Canada)
- III. *Origin and properties of strong inter-nucleon interactions* **Ruprecht Machleidt** (University of Idaho)
- IV. *Light-front quantum field theory (in particular QED and QCD)* **Stan Brodsky** (SLAC-Stanford)
- V. *Computational science and applied mathematics (related to large-scale calculations in nuclear theory)* **Esmond Ng** (Lawrence Berkeley National Laboratory)

Special talks

- Keynote talk on Lattice QCD*..... **Martin Savage** (University of Washington)
Conference summary**Bruce Barrett** (University of Arizona)
Distinguished lecture **James Vary** (Iowa State University)

Main conference venue (except Thursday) / **conference hotel**

Memorial Union. Address: Iowa State University, 2229 Lincoln Way, Ames, Iowa 50014.

***Conference venue on Thursday** Howe Hall, campus of Iowa State University.

Transportation

If you have registered for the conference-coordinated shuttle from/to the Des Moines International Airport, you will receive an email notification with details. Contact **Allyson Walter** at 515-231-9673 if you have changes in your flight schedule.

Taxi services are available at the airport. For driving directions to the university and for further information, visit the conference web site (under “General Information”).

Conference check-in and on-site registration

The conference check-in and on-site registration will be available **Sunday** during the Welcome reception (in front of the room), and **Monday-Thursday**, starting at 7:30 a.m. in front of the conference room.

Proceedings

The conference proceedings will be published electronically and in printed format after the conference. Manuscripts should be submitted by Monday, September 9, 2013.

Internet

Internet will be available in the conference venue.

Events

Welcome Reception:

Sunday, May 12, 2013

5:30 p.m. - 6:30 p.m.

Memorial Union, 2nd floor, **Campanile** Room

Distinguished Lecture (speaker J. P. Vary):

Wednesday, May 15, 2013

3:45 p.m. – 4:45 p.m.

Memorial Union, 3^d floor, **Pioneer** Room

Banquet:

Wednesday, May 15, 2013

Start Time: 6:00 p.m.

Memorial Union, 2nd floor, **Campanile** Room
(group photo at 6:00 p.m.)

Excursion:

Thursday, May 16, 2013

Start Time: 5:30 p.m.

*Tour to ISU Horticulture Research Station
(Dinner included)*

Buses will wait near **Memorial Union**

Important dates

May 8, 2013..... Online registration closes

May 8, 2013..... Deadline for shuttle registration

May 8, 2013..... Deadline for additional excursion tickets

May 8, 2013..... Deadline for meal preferences and additional banquet tickets

May 13-17, 2013..... Conference dates

September 9, 2013..... Deadline for Proceedings submission

For any questions, please contact us at conference-2013@nuclear.physics.iastate.edu or
Contact phone number prior and during the conference: **515-231-9673**.

We greatly acknowledge support by

Iowa State University

Pacific National University