

# International Conference on Nuclear Theory in the Supercomputing Era – 2013

May 13 – 17, 2013

Ames, Iowa

This is the second 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. On-site registration will be available during the welcome reception, as well as on Monday starting at 7:30 a.m. at the conference venue. Preliminary program is available at the conference web site (under “Agenda”).

## Topics and keynote speakers

- I. *Ab initio nuclear structure* ..... **Gaute Hagen** (Oak Ridge National Laboratory)
- 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)

## Proceedings

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

**Main conference venue:** Memorial Union, Iowa State University campus, Ames.

## Registration

Online registration closes May 8. Use the “Registration” tab at the conference website.

	Registration Fee (in USD)	Banquet* on May 15 (Wed.)	Tour Excursion* on May 16 (Thu.)	Deadline
Late registration	\$400			--
Late One-day registration	\$160	\$40 (optional)	\$25 (optional)	--
Guest	--	\$40 (optional)	\$25 (optional)	--

\*Additional tickets for guests and accompanying persons may be purchased until May 8 – if you have not registered, use the on-line conference registration, or if you have registered, follow **1** below.

## Accommodations

Memorial Union Hotel, <http://www.mu.iastate.edu> (located in same facility as the conference location). Book at the Memorial Union Hotel by April 15, 2013 to obtain the conference rate and to ensure availability. Reservations should be made *by phone* (515-296-6848 or 1-800-433-3449). See the conference web page (under “Lodging”) for further details.

## Banquet

Banquet dinner is on May 15 (Wednesday). Main course: *Roast Beef with Port Wine Sauce*. Vegetarian/fish/special-dietary meals also available *upon request* by May 8 – follow ❶ below.

## Shuttle

The conference is offering coordinated shuttles from the Des Moines International Airport to Ames (\$65 including round trip to be pre-paid by May 8). During on-line conference registration, select the shuttle service and submit your flight itinerary, or if you have registered, follow ❶ below. Contact [registrations@iastate.edu](mailto:registrations@iastate.edu) or call 515-294-6222 or 1-800-262-0015 for changes in flight schedule.

## ❶ Post on-line registration requests

Current Participant Additional Registration Form (available at conference website) – submit this form to provide special needs (meal/disability) and, if you have already registered for the conference, to purchase additional *banquet* and/or *tour* tickets as well as *shuttle* tickets. Email/fax the form to the contact provided in the form by May 8 (please do not email credit card information for security purposes).

## Important dates

April 15, 2013.....	Deadline for hotel reservations
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](mailto:conference-2013@nuclear.physics.iastate.edu).

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