

CAPTURE GAMMA-RAY SPECTROSCOPY
AND
RELATED TOPICS



Third Circular

July 27, 2005

Dear Colleagues,

This is the third and final circular for CGS-12, the 12th international Conference on Capture Gamma-Ray Spectroscopy and Related Topics, to be held from September 4-9, 2005 at the University of Notre Dame in Notre Dame, Indiana (USA).

This circular contains information about the preliminary program, the structure of the meeting, and associated activities.

A preliminary conference program as well as an electronic abstract booklet is now posted at the conference website <http://www.nd.edu/~nsl/cgs12>.

The **venue** for the conference is the Center for Continuing Education at the University of Notre Dame. Lodging and registration can be made through the conference website. Hotel reservations for CGS-12 attendees were held at the **Morris Inn** (across the street from the conference center) the special conference rate until August 1, 2005. Please make arrangements and register if you have not already done so. **Registration** can be made online from the conference website <http://www.nd.edu/~nsl/cgs12>. The conference banquet will be on a ship sailing from Chicago and we will need to know in advance all the names of participants and accompanying persons that intend to be on the ship.

In addition to the program of the conference, we have organized a workshop on **Isomers** starting at 9:00am on **Sunday September 4**. All CGS-12 participants who are in town already are welcome to attend. In recent years, research on nuclear isomers has generated a lot of excitement. There are interesting new trends besides the continuing efforts in understanding isomers in exotic nuclei to exploring the applications of isomers in nuclear astrophysics as well as energy storage. If you are interested in taking part in the workshop, please contact Prof. Yang Sun (ysun@nd.edu) as soon as possible.

On **Sunday evening**, there is conference registration and a reception in the courtyard of the University of Notre Dame Snite Museum of Art with live music provided by the **Nuclear Jazz Quartet**. The collections of the Snite Museum of Art place it among the finest university art museums in the USA. The Fritz & Millie Kaeser Mestrovic Studio Gallery of the museum is featuring the **BRANCACCI PROJECT - PHASE ONE**. In this series of murals, Bill Sandusky, professor of art at Saint Mary's College, reinterprets, the fresco cycle painted in the Brancacci Chapel of Santa Maria del Carmine in Florence, Italy by Masaccio, Masolino and Filippo Lippi between about 1424 and 1480. We have arranged for Prof. Sandusky to be available in the gallery on Sunday evening.

The **sessions** of the conference will begin on **Monday morning** (Sept. 5) at 8:30am and end by the end of day on Friday evening (Sept. 9). On **Monday evening**, there will be a special session on nuclear data along with a reception. **Tuesday evening** is the poster session. We ask all poster presenters to be ready to hang their posters on arrival. There will be a prize of **\$500 awarded to the best poster** presented by a postdoctoral fellow or a graduate student. A selection committee of 3 distinguished scientists will be judging the posters. The prize is funded by Prof. Steven Yates of Kentucky University for CGS-12 in honor of the memories of Jean Kern and Raman Subramanian (Founder's Award) and it will be awarded at the banquet. The conference banquet will take place on **Wednesday Sept. 7** aboard a ship and will include an architectural tour of the city of Chicago from the Chicago River. **Thursday evening**, conference participants are invited to the "Physics and Film" series hosted by JINA (Joint Institute of Nuclear Astrophysics), the Department of Physics, and the Performing Arts Center of the University of Notre Dame). **Friday evening**, there will a performance of music, poetry and stories by the **Ensemble Galilei** with projected images from the Hubble Space Telescope.

The **proceedings** of the conference will be published by AIP. Detailed instructions for authors as well as templates in latex or MS Word are available online for the 6x9 inch format at <http://proceedings.aip.org>. The manuscripts will be collected at the beginning of the conference during registration on September 4, 2005. Invited talks will have up to 8 pages, oral contributions will have up to 5 pages, and poster presentations will have 2 pages.

We have also arranged for a number of exciting events for **accompanying persons**, including private tours of the new Performing Arts complex at Notre Dame, tours of the collections at the Snite Art Museum, a visit to Fernwood botanical garden and nature reserve (Eight acres of beautiful gardens are tucked into a scenic valley along the St. Joseph River, completely surrounded by forest. There are miles of trails to explore. Indoors, visitors enjoy the nature center, fern conservatory, café, gift shop, and art gallery.), and a visit to Amish Country nearby. However, we need to know in advance the number of participants interested in these activities. Please let me know as soon as possible.

Looking forward to seeing you at CGS-12! Please do not hesitate to contact me.



Sincerely Yours,

A handwritten signature in blue ink, appearing to read "Ani Aprahamian".

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