

# Workshop on Level Density and Gamma Strength in Continuum

~ 1<sup>st</sup> circular ~

(January 15, 2007)

Dear colleagues,

We welcome you to participate in the Workshop on Level Density and Gamma Strength in Continuum. The workshop will be held in Oslo, May 21 – 24, 2007, and will be hosted at the Department of Physics, University of Oslo.

## SCIENTIFIC PROGRAM

The topics to be covered during the workshop are:

- Nuclear level density
- Gamma-strength function
- Phase transitions in mesoscopic systems
- Applications in astrophysics
- Other related topics

## CALL FOR ABSTRACTS

All contributors to the workshop are kindly requested to submit a short (not more than one page) abstract by e-mail to [sunniva.siem@fys.uio.no](mailto:sunniva.siem@fys.uio.no) no later than March 1, 2007.

Accepted formats are standard LaTeX, Word, or ASCII text. Please indicate whether you wish to have an oral or a poster contribution. The book of abstracts will be distributed to the participants at the registration desk.

There will be no proceedings book; however, the oral presentations will be put on the workshop website if permitted by the contributor.

## CONFIRMED SPEAKERS (JANUARY 15, 2007)

Emel Algin: "Heat capacities of Fe-56 and Fe-57"  
Yoram Alhassid: (No title yet)  
Frantisek Beckvar: "Two-step cascade method"  
Angela Bracco: (No title yet)  
Franco Camera: "The giant dipole resonance, new measurements"  
Philippe Chomaz: "Phase transitions in nuclei and compact stars"  
Thomas Døssing: "Landscapes and fluctuations of two-dimensional rotational spectra"  
Till von Egidy: "Systematics of level density parameters"  
Stefan G. Frauendorf: "Emergence of phase transitions with size"  
Steve Grimes: (No title yet)  
Sotirios Harrisopulos: (No title yet)  
Kazunari Kaneko: "Level density in the SPA+RPA approach"  
Milan Krticka: "<sup>96</sup>Mo from two-step cascade measurement"  
Araceli Lopez-Martens: "Strength distribution in the decay-out of SD bands"  
Tom Lönnroth: (No title yet)  
Adam Maj: "Properties of hot nuclei at extreme angular momenta"  
Gary Mitchell: "Neutron capture measurements with DANCE"  
Robert Pezer: "Microcanonical level densities of non-magic nuclei"  
Achim Richter: "Giant resonances, fine structure, wavelets and spin- and parity-resolved level densities"  
Andreas Schiller: (No title yet)  
Alexander Voinov: "Nuclear level density. Experimental methods. Recent results and perspectives"

## ACCOMMODATION

Workshop participants are asked to book their hotel room by directly contacting the hotel. We have reserved rooms at three different accommodations:

### Guesthouses at the campus of the University of Oslo

The rooms on campus have a simple standard, and cost about 200 NOK/day. There is a common kitchen, bath, and living room. For booking of these rooms, please contact Dr. Sunniva Siem by e-mail [sunniva.siem@fys.uio.no](mailto:sunniva.siem@fys.uio.no) before March 30, 2007.

### Cochs Pensjonat

Single rooms of 520 NOK/day and double rooms of 740 NOK/day are available. No breakfast is served. Please give the code word "Workshop"

Oslo” and reservation number 11969 when booking. Please book before May 2, 2007. If you arrive later than 14:00, please notify the hostel on beforehand. See the webpage of the hostel for more information:

<http://www.cochspensjonat.no>

#### Thon Hotel Slottsparken

We have reserved single rooms of 835 NOK/day and double rooms of 935 NOK/day. Please give the code word “Workshop Oslo” and the reservation number 3043620 for a single room, or 3043650 for a double room when booking. Please book before May 2, 2007.

See the hotel’s webpage for more information:

<http://www.thonhotels.com/slottsparken>

#### IMPORTANT DEADLINES

Abstract submission: March 1, 2007

Guesthouse reservation: March 30, 2007

Workshop registration: April 20, 2007

Hotel reservation: May 2, 2007

#### FEES

There will be no registration fee for the workshop.

#### LOCAL ORGANISING COMMITTEE

Magne Guttormsen

Ann-Cecilie Larsen

Hilde Therese Nyhus

John Rekstad

Sunniva Siem (chairman)

Naeem Ul Hasan Syed

#### CORRESPONDENCE

For further information and online registration, please visit the workshop website: <http://ocl.uio.no/workshop07/> or contact:

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