

# **2<sup>nd</sup> Workshop on Level Density and Gamma Strength**

**Oslo, May 11-15, 2009**

- 1<sup>st</sup> circular -  
(January 30, 2009)

Dear colleagues,

we invite you to participate in the 2<sup>nd</sup> Workshop on Level Density and Gamma Strength. The workshop will be held in Oslo, May 11 – 15, 2009, and will be hosted at the Department of Physics, University of Oslo. There will be a reception in the evening of Sunday, May 10, from 6 p.m. to 9 p.m. with wine and cheese. The scientific program starts on Monday morning at 9 a.m. and lasts until Friday noon.

## **Scientific Program**

The topics to be covered during the workshop are:

- Nuclear level densities,
- Gamma-strength functions,
- Phase transitions in mesoscopic systems,
- Applications in astrophysics, and
- other related topics.

## **Call for Abstracts**

All contributors to the workshop are kindly requested to submit a short (not more than one page) abstract in PDF format by e-mail to Dr. Sunniva Siem

[sunniva.siem@fys.uio.no](mailto:sunniva.siem@fys.uio.no)

no later than March 6, 2009.

Please register for the workshop before April 1 using our online registration form

<http://ocl.uio.no/workshop09/reg.php>

where you can also 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 30, 2009)

- David Brink: "The Brink hypothesis 54 years later"
- Sven Åberg: "Structure of Warm Nuclei"
- Undraa Agvaavluvsan: (no title yet)
- Yoram Alhassid: "Level densities of rare-earth nuclei in the shell model Monte Carlo approach"
- Lee Bernstein: "Reactions on Nuclei in High Energy Density Plasmas"
- Jutta Escher: (no title yet)
- Bethany Lyles Goldblum: "Surrogate Ratio Methodology for the Indirect Determination of (n, $\gamma$ ) Cross Sections."
- Stephane Goriely: (no title yet)
- Frank Gunsing: (no title yet)
- Sotirios Harrisopoulos: "Optical Model Potentials and Nuclear Level Densities for the nucleosynthetic p-process: an experimentalist's point of view"
- Teng Lek Khoo: "Structure information from excited nuclear states"
- Milan Krtićka: (no title yet)
- Silvia Leoni: (no title yet)
- N. Lo Iudice: (no title yet)
- Stefano Marrone: "Nuclear Level Density and Photon Strength Function Measurements at n\_TOF"
- Gary E. Mitchell: "Neutron capture measurements with DANCE"
- Andreas Schiller: (no title yet)
- Anton Tonschev: "Study of the Nuclear Dipole Response using the Monoenergetic and Polarized Gamma Beams at HIGS"
- Hiroaki Utsunomiya: "Pigmy E1 and giant M1 resonances in nucleosynthesis of heavy elements"
- Alexander Voinov: "Nuclear level density. Experimental methods. Recent results and perspectives"
- Jon Wilson: (no title yet)
- Vladimir Zelevinsky "New glance at the old problems of nuclear structure"

## Accommodation

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

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

The 12 rooms on campus have a simple standard, and cost 1250 NOK for a week. 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, 2009.

### Thon Hotel Gyldenløve

We have reserved 15 single rooms of 1010 NOK/day under the name: University of Oslo. Please give the reservation number 4277070 when booking. Please book before March 1, 2009. See the hotel's webpage for more information:

<http://www.thonhotels.no/gyldenlove>

## IMPORTANT DEADLINES

Abstract submission:	March 6, 2009
Thon Hotel Gyldenløve booking:	March 15, 2009
Cochs Pensjonat booking:	March 9, 2009
Guesthouse reservation:	March 30, 2009
Workshop registration:	April 1, 2009

## Fees

Thanks to our sponsors there will be:

- no registration fee for the workshop,
- a complimentary conference dinner on Wednesday, and
- a complimentary pizza evening at the Cyclotron Lab on Monday.

## Local Organizing Committee

Sunniva Siem (chairman)  
Alexander Bürger  
Magne Guttormsen  
Andreas Görden  
Trine W. Hagen  
Ann-Cecilie Larsen  
Hilde Therese Nyhus  
John Rekstad  
Therese Renstrøm  
Sunniva J. Rose  
Naeem Syed  
Heidi Toft  
Kristine Wikan

## Correspondence

For further information, please visit the workshop website

<http://ocl.uio.no/workshop09/>

or contact

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