

RNB7 – Second Circular

THE SEVENTH INTERNATIONAL CONFERENCE ON RADIOACTIVE NUCLEAR BEAMS (RNB7)

July 3-7, 2006
Cortina d'Ampezzo, Italy

This is the second circular of the Seventh International Conference on Radioactive Nuclear Beams (RNB7), to be held in Cortina d'Ampezzo on July 3-7, 2006. The Conference is jointly organized, under the auspices of IUPAP and INFN, by the Departments of Physics of the Universities of Padova and Udine, the INFN Laboratori Nazionali di Legnaro (LNL) and Laboratori Nazionali del Sud (LNS), and the INFN Sections of Napoli and Padova. Relevant information concerning your participation to RNB7 are given below.

Updated information is also available at the Conference web site: rnb7.pd.infn.it

Scientific Program and Topics

This Conference, the seventh of this series started in 1989, will provide an international forum for presenting and discussing the continuous development of the physics and of the technology associated with radioactive nuclear beams. Topics include: Radioactive nuclear beam facilities; Production of radioactive nuclear beams by projectile fragmentation; Production of radioactive nuclear beams by ISOL techniques; Studies of cross-sections for production of radioactive nuclei; Nuclear reactions with radioactive beams and weakly bound nuclei; Nuclear structure far from stability; Nuclear astrophysics; Experimental developments for studies with RNB: detectors and instrumentation; Beyond nuclear physics with RNB: applications, fundamental interactions.

These topics will be highlighted by talks of (among others):

M.L. Aliotta	Edinburgh, UK
F. Azaiez	Orsay, France
G. Bisoffi	LNL, Italy
P. Bricault	TRIUMF, Canada
A. Di Pietro	LNS, Italy
H. Emling	GSI, Germany
J. Gerl	GSI, Germany
M. Lewitowicz	GANIL, France
J. Meng	Beijing, China
K. Nollett	Argonne, USA

T. Otsuka	Tokio, Japan
D. Rifuggiato	LNS, Italy
H. Sakurai	RIKEN, Japan
D. Shapira	ORNL, USA
A. Stuchbery	Canberra ,Australia
G. Ter-Akop'yan	Dubna, Russia
M. Thoennessen	MSU, USA
P. Van Duppen	Leuven, Belgium
P. Van Isacker	GANIL, France

Call for Abstracts

The Conference program will include invited talks, oral contributions, selected from the submitted abstracts, and poster presentations. Very short oral presentations, to highlight the best posters, are also foreseen. Contributions to RNB7 (both for oral and poster presentations), should be submitted through the conference page (rnb7.pd.infn.it) before **March 20, 2006**. They should not exceed one page. The format template (as pdf and tex files) is available on the web page. Authors are requested to indicate their preference for oral and/or poster presentation when they submit the abstract. For any problem related to the abstract submission please contact the conference secretary at rnb7@pd.infn.it. A booklet consisting of all abstracts accepted for oral or poster presentation will be distributed to all participants during the conference registration.

Notification of the contributions selected for oral, best-poster and poster presentation will be sent before **April 20, 2006**.

Registration and fee payment

All participants to RNB7 must register through the web page of the **adhoc** travel agency www.cortinaadhoc.com/inglese/index_en.htm. The link to the agency web address can also be found on the RNB7 web page under "Registration".

Conference fee amounts to 340 € if paid before **May 10, 2006** (early registration) and 380 € after that date. For students a fee of 250 € is foreseen. Fees have to be paid via bank transfer (the relevant information is given at the **adhoc** agency web-page). Late registration fees can be paid at the conference desk by cash or by credit card. The fee covers: a printed copy of the Conference Proceedings, the conference bag and booklet of abstracts, welcome cocktail on Sunday, July 2, Conference banquet on Thursday, July 6, an half-day excursion on the Dolomites on Wednesday, July 5 and all coffee-break buffets. The accompanying persons are welcome to join the reception on Sunday evening as well as the half-day excursion on Wednesday. For the Conference banquet a fee of 50 € per person is requested. The accompanying persons program includes also a one-day tour to Venice (for a cost of 30 €). Both these events can be booked through the registration form.

Accommodation

Participants in the Conference will be accommodated in various hotels in the centre of Cortina at a walking distance from the place of the meeting. On the web page of the travel agency www.cortinaadhoc.com/inglese/index_en.htm you will find the accommodation form, with the list and prices of the hotels reserved for the conference participants.

Symposium site and Travel Information

The Conference will be held at the congress hall "PalaVolkswagen", located in the centre of Cortina d'Ampezzo, a beautiful town in the heart of Dolomites. Cortina is located about 160 km from Venice. The Conference will organize bus transportation to and from Cortina for participants arriving and departing at the Venice "Marco Polo" international airport on Sunday July 2 and Saturday, July 8 respectively. Those who want to profit of this transportation should send in due time to the travel agency and/or conference address their flight number and time of arrival.

Cortina can also be reached by train, bus or car. Detailed travel information can be found at the page www.dolomiti.org/dengl/cortina/cinfo/index.html.

Proceedings

All original contributions presented at the Conference will be published on a special issue of The European Physical Journal A.

Correspondence

Please address all correspondence to:

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The program of the Conference will be available in the third circular, to be issued by the **end of May 2006**.

All information about the Conference can be found at our web page: rnb7.pd.infn.it.

Deadlines

- **Abstracts submission:** **March 20, 2006**

- **Early registration:** **May 10, 2006**

Fees

- **Early registration** (before May 10, 2006): **340 Euro**

- **Late registration** (after May 10, 2006): **380 Euro**

- **Students:** **250 Euro**

The Local Organizing Committee

G. Cuttone	LNS
A. Gadea	LNL
M. Lattuada	LNS
S. Lunardi	Padova
R. Menegazzo	Padova
D. Pierrousakou	Napoli
C. Signorini (<i>Chairman</i>)	Padova
F. Soramel	Udine
L. Tecchio	LNL
A. Vitturi	Padova

The International Advisory Committee

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W. Mittig	GANIL (France)
T. Motobayashi	Riken (Japan)
M. Pfütznner	Warsaw (Poland)
G. Savard	Argonne (USA)
B.M. Sherrill	Michigan (USA)
W.L. Zhan	Lanzhou (P.R. of China)

The Conference is patronized by Comune di Cortina d'Ampezzo, Provincia di Belluno, GIS organization Cortina, Cortina Turismo, University of Padova and Dipartimento di Scienze Fisiche, Università di Napoli Federico II. The Conference is sponsored by several companies, mostly operating in the fields relevant to RNB7, which will be present in Cortina.