



Ist Topical Workshop on Modern Aspects in Nuclear Structure *Advances in Nuclear Structure with arrays including new scintillator detectors*

BORMIO 22 - 25 February 2012

FIRST CIRCULAR

Following the long tradition of Winter meetings organized in Bormio by **Università degli Studi di Milano** and **Istituto Nazionale di Fisica Nucleare** sezione di Milano, the nuclear structure group of Milano starts a new series of **Topical Workshop on Modern Aspects of Nuclear Structure**.

The meetings will be organized every second year in the month of February in Bormio, focusing each time on specific topics which are relevant for the nuclear structure community and related areas. Within the workshop, **experimental** and **theoretical** collaborations will have the opportunity to present and discuss their latest development on physics and more technical issues.

In the First Edition (Bormio 22-25 February 2012) special emphasis will be given to physics issues which requires experimental setups including also new scintillators material. More in general, the program will concentrate on the physics perspectives in connection with experiments with both stable and radioactive beams.

The days would be organized in morning sessions with talks of general interest, 3-4 hours for informal discussions or free time in the afternoon, a shorter session with talks before dinner. In this late afternoon session we intend to dedicate a large fraction of time to contributions of graduate students and young researchers.

Besides a few invited talks, oral presentations will be selected through an International Advisory Committee, following Abstract submission.

The Workshop will be preceded on **February 21st** by the Annual Open Meeting of the **PARIS collaboration** (<http://paris.ifj.edu.pl/>), which will focus on technical issue related to the PARIS project. Additional talks, of more general interest, on the physics of PARIS will be given in the following mornings, during the Workshop.

Web Page Address:

<http://www.mi.infn.it/WSBormio-Milano2012/>

International Advisory Committee

The International Advisory Committee is composed by the following members:

P. Butler, Liverpool
L. Cortina-Gil, Santiago de Compostela
G. De France, GANIL
A. Maj, Krakow
T. Motobayashi, RIKEN
P. Reiter, Koln
M. Thoennessen, MSU
A. Vitturi, Padova

Besides Invited Speakers, the Committee will select oral contributions following submission of abstracts.

Special Prizes for Young Speakers

The two best talks of young speakers (PhD students and Post-Docs) will be rewarded with cash prizes given by our sponsor CAEN: one on technical developments and one on physics.

Invited Speakers

| | |
|-----------------------|----------------------------|
| Tom Aumann | (GSI, Germany) |
| Dimitri Balabanski | (INRNE-BAS, Bulgaria) |
| Daniel Cano Ott | (CIEMAT Madrid, Spain) |
| Gilles de France | (GANIL, France) |
| Pieter Doornenbal | (RIKEN, Japan) |
| Peter Egelhof | (GSI, Germany) |
| Fabiana Gramegna | (LNL, Italy) |
| David Jenkins | (York, UK) |
| Nasser Kalantar | (KVI, The Netherlands) |
| Maria Kmiecik | (IFJ PAN Krakow, Poland) |
| Attila Krasznahorkay | (ATOMKI Debrecen, Hungary) |
| Edoardo Lanza | (Catania, Italy) |
| Silvia Lenzi | (Padova, Italy) |
| Masayuki Matsuo | (Niigata, Japan) |
| Indranil Mazumdar | (TIFR Mumbai, India) |
| Takashi Nakatsukasa | (RIKEN, Japan) |
| Tomas Neff | (GSI, Germany) |
| Domenico Santonocito | (LNS Catania, Italy) |
| Dennis Savran | (Darmstadt, Germany) |
| Sunniva Siem | (Oslo, Norway) |
| John Simpson | (Daresbury, UK) |
| Olof Tengblad | (CSIC Madrid, Spain) |
| Michael Thoennessen | (MSU, USA) |
| Javier Valiente Dobon | (LNL, Italy) |
| Piet Van Duppen | (KU Leuven, Belgium) |
| David Verney | (IPN Orsay, France) |
| Enrico Viguzzi | (INFN Milano, Italy) |
| Dario Vretenar | (Zagreb, Croatia) |

Abstract Submission

One page Abstract (according to the template form published on the web) should be submitted by e-mail to wsbormio-milano@mi.infn.it, before 3rd October 2011.

Abstract Notification will be before End of October 2011.

No Conference Proceedings will be made. Talks will be uploaded at the WS web page, prior permission by the speakers.

Registration

Workshop Participants are kindly asked to Register, through the WS web page, by 1st August 2011.

The registration does not require any advanced payment, but is very important for room reservation at the Hotels, since the Workshop is held in a very popular touristic place, in high winter season.

A FEE of 100 € will be requested to be paid upon arrival. It includes Conference Dinner and Welcome Cocktail.

Accommodations

Accommodations are arranged exclusively through the management of Miramonti Park Hotel. Rooms have been reserved at negotiated prices (minimum 4 nights) in the following Hotels:

Miramonti Park Hotel**** (Via Milano, 50 23032 Bormio (So) Tel: +39.0342.903312)

Hotel Clementi**** (Via Milano 46 - 23032 Bormio (SO) Tel: +39.0342.904473)

85 euros/day per person double room Half Board

115 euros/day per person single room Half Board

Hotel Nazionale*** (Via al Forte, 28 - 23032 Bormio (SO) Tel: +39.0342.903361)

Rooms have been reserved in the Hotel at negotiated prices (minimum 4 nights):

68 euros/day per person double room Half Board

98 euros/day per person single room Half Board

In all Hotels reductions will be applied for third/fourth bed.

Deadline for Hotel Booking is 30th November 2011.

Please contact directly info@miramontibormio.it

and specify in the subject "Nuclear Physics WS February 2012".

A Welcome Cocktail will be offered to the participants on Tuesday 21st February at 19.30 at Miramonti Park Hotel.

Conference Dinner will be at 20.00 at Miramonti Park Hotel on Saturday 25th February. During the Conference Dinner the **two best talks** of young speakers (marked by * in the program) will be rewarded with cash prizes given by our sponsor CAEN: one on technical developments and one on physics.

Free Time

Through the Miramonti Park Hotel management, WS participants and accompanying persons will have the possibility to organize their free time, taking advantage of the skiing resort area and of the Thermal Bath Center of Bormio.

Travelling

Bormio is located in the Italian Alps, approximately 190 km north of Milano.
It can be reached from Milano, by public transportation and private car, as indicated below.

By Public Transportations

* From Milano Airports (Linate, Malpensa and Orio al Serio) there are regular direct buses to the Central Railway Station in Milano (Milano Centrale). The trip takes approx. half an hour from Linate and one hour from Malpensa and Orio al Serio. Tickets can be purchased directly on the bus.

* From Milano Central Railway Station there are regular trains to TIRANO (approximately 3 hours trip). Train tickets can be purchased at the train station in Milano.

* From TIRANO regular Buses (adjusted to the Train Schedule) bring to Bormio in about 30 minutes. The bus ticket can be bought at the Perego ticket counter in Tirano (take the platform underpass and follow the sign bus terminal).

An updated schedule will be published for Trains and Buses by the time of the Workshop. Please check the WS web page:
<http://www.mi.infn.it/WSBormio-Milano2012/>

By car

* About 190 km, approx. 3.5 h:
Take the SS36 Milano from Milano to Lecco-Colico
Exit onto SS38 toward Sondrio->Tirano ->Bormio

See also [How-to-Reach Instructions](#) from Bormio Turist Office.

We all look forward to seeing you in Bormio !

The Organizers

Angela Bracco
Franco Camera
Gianluca Colò
Silvia Leoni
Augusto Bassi (Secretary)
Ileana Giussani (Secretary)
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