

# 6<sup>th</sup> International Workshop on Chiral Dynamics

## 6-10 July 2009, University of Bern, Switzerland

### First Bulletin

## 1 Presentation and website

The International Workshop Chiral Dynamics 2009, the sixth in a series which started in 1994 at MIT, and was later held in Mainz (1997), Jefferson Lab (2000), Bonn (2003) and Duke (2006) will take place in Bern in July 2009.

The homepage of the workshop is available at <http://www.chiral09.unibe.ch>

## 2 Place and date

The workshop will be held at the “Institute for Theoretical Physics” (ITP), a unit of the newly founded “Center for research and education in fundamental physics” of the University of Bern,

**from Monday 6<sup>th</sup> July to Friday 10<sup>th</sup> July 2009**

The venue of the workshop is the building “Exakte Wissenschaften”, Sidlerstrasse 5, directly above Bern central station. For more details, follow the link “Location” on the web page.

## 3 Local Organizing Committee

Simone Bifani, Gilberto Colangelo, Jürg Gasser, Peter Hasenfratz, Heiri Leutwyler, Emilie Passemar, Jürg Schacher, Urs Wenger, Jackson Wu.

## 4 International Advisory Committee

Mohammed W. Ahmed (Duke/TUNL)  
Claude Bernard (WUSTL, St. Louis)  
Véronique Bernard (IPN, Orsay)  
Aron Bernstein (MIT, Boston)  
Hans Bijnen (Lund)  
Giancarlo D’Ambrosio (INFN, Napoli)  
Sebastien Descotes-Genon (LPT, Orsay)  
Gerhard Ecker (Vienna)  
Jose Goity (JLab)  
Maarten Golterman (SFSU, San Francisco)  
Barry Holstein (UMass, Amherst)  
Bira van Kolck (UA, Tucson)  
Martin Lüscher (CERN, Geneva)  
Judith McGovern (Manchester)  
Ulf-G. Meißner (HISKP, Bonn)  
Jorge Portolés (IFIC, Valencia)  
Akaki Rusetsky (HISKP, Bonn)  
Martin Savage (UW, Seattle)  
Marc Vanderhaeghen (Mainz)  
Thomas Walcher (Mainz)

## 5 Topics

- Goldstone Boson Dynamics
- Hadron Structure and Meson-Baryon Interactions
- Few-Body Physics and Nuclear Forces
- Lattice QCD and Chiral Perturbation Theory

## 6 Structure of the workshop and working groups

The scientific program of the workshop is organized in plenary and parallel sessions. Plenary talks are only invited. Parallel sessions are organized in three working groups (WGs). These and the corresponding conveners are:

- WG1 “Goldstone Bosons”
  - Claude Bernard (WUSTL, St. Louis) `cb@lump.wustl.edu`
  - Simona Giovannella (INFN, Frascati) `simona.giovannella@lnf.infn.it`
  - Jorge Portolés (IFIC, Valencia) `Jorge.Portoles@ific.uv.es`
- WG2 “Hadron Structure and Meson-Baryon Interactions”
  - Jian-Ping Chen (JLab) `jpchen@jlab.org`
  - Bastian Kubis (Bonn) `kubis@itkp.uni-bonn.de`

- Stephan Dürr (FZJ, Jülich) durr@itp.unibe.ch
- WG3 “Few-Body Physics”
  - Paulo F. Bedaque (Maryland) bedaque@umd.edu
  - Evgeny Epelbaum (FZJ, Jülich) e.epelbaum@fz-juelich.de
  - Henry R. Weller (Duke/TUNL) weller@tunl.duke.edu

The program of the WGs will be a mixture of invited and contributed talks and is being set up by the conveners. It will be finalized by the beginning of April. Proposals for contributed talks should be addressed directly to the conveners of the appropriate WG

**not later than March 31. 2009.**

## 7 Plenary program and invited speakers

The plenary program consists of invited reviews on topics of current high interest in the three subfields identified by the WGs. In each subfield there will be talks by experimentalists, theorists and lattice experts. Moreover there will be an opening (Weinberg) and a closing talk (Holstein). Two talks (Isidori and Wiese) will cover effective field theory applications outside the typical research area of the “Chiral Dynamics” workshops. The complete list of invited speakers for the plenary sessions reads

- Ricardo Alarcon (ASU, Tempe)
- Sinya Aoki (Tsukuba)
- Silas R. Beane (New Hampshire)
- Aron M. Bernstein (MIT, Boston)
- Johan Bijnens (Lund)
- Michael Birse (Manchester)
- Achim Denig (Mainz)
- Alexandre Deur (JLab)
- Robert G. Edwards (JLab)
- Evgeny Epelbaum (Jülich)
- Sergio Giudici (CERN, Geneva)
- Shoji Hashimoto (KEK, Tsukuba)
- Barry R. Holstein (UMass, Amherst)
- Gino Isidori (INFN, Frascati)
- Harald Merkel (Mainz)
- Akaki Rusetsky (HISKP, Bonn)
- Chris T. Sachrajda (Southampton)
- Stefan Scherer (Mainz)
- Steven Weinberg<sup>1</sup> (UT, Austin)
- Henry Weller (Duke/TUNL)
- Uwe-Jens Wiese (Bern)

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<sup>1</sup>to be confirmed

## 8 Proceedings

Proceedings will be published with PoS (<http://pos.sissa.it>). Details will be given later.

## 9 Fees

The fees of the Workshop amount to 450 CHF for an early registration (until April 30. 2009) and 500 CHF later on. Plenary speakers, working group leaders and students pay a reduced fee of 300 CHF. A reduced fee may also be granted to people who need support for participating to the workshop. If this is the case please get in touch with us as soon as possible. Accompanying persons that wish to participate to the social events are also welcome. They can pay directly at the registration desk. Information on the price for each event can be obtained from the workshop secretariat upon request. All conference fee payments should be done by credit cards<sup>2</sup> following the instructions on the website of the workshop.

## 10 Registration and accommodation

Participants have to register on the workshop website by following the appropriate link. As for the accommodation, we have prereserved a number of rooms at special rates in several hotels in the city of Bern. A complete list of the available hotels and their rates can be found on the workshop website under the link “Accommodation”. The final reservation at the hotel of choice should be made by the participants themselves by calling or e-mailing the hotels directly. In order to benefit from the special rates please mention that you are participating in the “Workshop Chiral Dynamics” and reserve the room **before March 31.**

## 11 Important dates (2009)

Deadline for reserving hotel rooms at special rates:	<b>March 31.</b>
Deadline for abstract submission to WG conveners:	<b>March 31.</b>
Deadline for early registration:	<b>April 30.</b>
Beginning of the meeting:	<b>July 6.</b>
End of the meeting:	<b>July 10.</b>

## 12 Contact

For questions and comments, please contact the workshop secretary, Mrs. Esther Fiechter ([fiechter@itp.unibe.ch](mailto:fiechter@itp.unibe.ch)), tel. +41 31 6318631, or send an e-mail to [chiral09@itp.unibe.ch](mailto:chiral09@itp.unibe.ch).

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<sup>2</sup>If the credit card represents a problem, please get in touch with the Workshop secretary.