



**International Workshop on
Effective Field Theories: from the pion to the upsilon
2-6 February 2009 , Jardí Botànic, Valencia (Spain)**

Second Bulletin

1. Presentation, web site and registration

The “International Workshop on Effective Field Theories: from the pion to the upsilon” (EFT09) intends to discuss the state of the art of Effective Field Theories and their applications in particle physics, with particular focus on hadronic and QCD related processes.

The Web site of the workshop lies in <http://ific.uv.es/eft09> where registration is already open.

2. Place and date

The workshop will be held at the Jardí Botànic of the University of Valencia (<http://www.uv.es/jardibotanic/cultura/spot/adsl/english/>) from Monday 2nd February to Friday 6th February 2009. On Sunday evening 1st February we will hold a welcome party where participants will be able to register. Details will be given in the Third Bulletin next January.

3. International Advisory Committee

Christian Bauer (Lawrence Berkeley National Laboratory, USA)
Martin Beneke (RWTH Aachen, Germany)
Hans Bijnens (Lund, Sweden)
Eric Braaten (Ohio, USA)

Nora Brambilla (Milano, Italy)
Kuang-Ta Chao (Beijing, China)
Vincenzo Cirigliano (Los Alamos, USA)
Gilberto Colangelo (Bern, Switzerland)
Gerhard Ecker (Vienna, Austria)
Gino Isidori (LNF, Italy)
Heiri Leutwyler (Bern, Switzerland)
Aneesh Manohar (San Diego, USA)
Matthias Neubert (Mainz, Germany)
Eduardo de Rafael (CPT Marseille, France)
Joan Soto (UB, Spain)

4. Local Organizing Committee

Antonio Pich
Jorge Portolés
Germán Rodrigo
Paola Ferrario
Alberto Filipuzzi
Martín González-Alonso
Paula Tuzón

5. Topics

The main goal of the Workshop is to discuss the status and new developments of the different Effective Field Theories (and related tools) in the hadron energy region, together with their application in the electroweak and strong sectors. The list of topics includes:

- Chiral Perturbation Theory.
- Heavy Quark Effective Theory.
- Soft Collinear Effective Theory.
- Large N_C .
- Lattice QCD.
- Non-relativistic Effective Theories.
- Effective Theories in physics beyond the Standard Model.
- Kaon, D, B and τ decays.
- LFV processes.
- Effective Theories in jet physics.

6. Structure of the workshop

There will be two different types of contributions: *invited reviews* and *contributed talks*. All of those interested in contributing on specific topics are requested to submit a title and brief abstract through the registration applet before 30th December 2008. Authors will be notified of the acceptance of their contributions not later than January 15th 2009.

All presentations will be collected in the proceedings (to be published by Proceedings of Science, PoS).

Envisaged reviews and confirmed speakers (titles are tentative):

- Thoughts in EFTs (John Donoghue)
- Pion scattering: a history (Jürg Gasser)
- Status of strong Chiral Perturbation Theory (Johan Bijnens)
- Status of weak Chiral Perturbation Theory (Giancarlo D'Ambrosio)
- Large- N_C (Elizabeth Jenkins)
- Non-Relativistic EFTs (André Hoang)
- Quarkonium (Antonio Pineda)
- Soft Collinear Effective Theory (Sean Fleming)
- Heavy Quark mass expansion (Matthias Neubert)
- Schwinger-Dyson studies of QCD (Mike Pennington)
- Status of $g-2$ (Eduardo de Rafael)
- Lattice QCD (to be announced)
- EFTs in Nuclear Physics (to be announced)
- EFTs in Flavour Physics (to be announced)

7. Fees

The fees of the Workshop amount to **320 Euros**. This includes the welcome party on 1st February, 5 lunches, coffee breaks, a lieder piano concert on 3rd February and the social dinner on 4th February. Accompanying persons that wish to attend the meals should pay an amount of 60 Euros for the lunches and 60 Euros for the social dinner.

All payments will be done in cash (Euros) upon arrival. We regret we cannot accept neither bank cheques nor credit cards.

8. Registration and accommodation

In the web page of the meeting you can register and book accommodation for your stay in Valencia. The procedure of registration is twofold. On one side

you should fill the “Registration Form” by opening an account in the Indico system and provide the title of a *contributing talk* if you wish so. Then you should also register through the link “Conference Fees and Accommodation”, for administrative purposes.

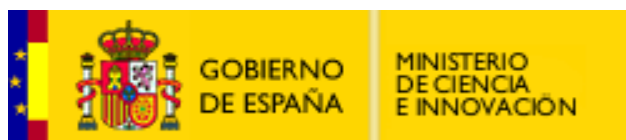
9. Important dates

Welcome party and registration:	1st February 2009 (17.00 h – 20.00 h)
Beginning of the meeting:	2nd February 2009 (9.00 h)
End of the meeting:	6th February 2009 (15.00 h)
Deadline for registration:	30th December 2008.
Deadline for abstract:	30th December 2008.

10. Contact

For questions and comments, please send an e-mail to the workshop address: eft09@ific.uv.es

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