



35th International Symposium on Lattice Field Theory

18–24 June 2017, Granada, Spain

<http://www.lattice2017.es>

Lattice2017

Abstract. The 35th International Symposium on Lattice Field Theory, *Lattice 2017*, gathered a large community of theoretical particle physics researchers, experts in the study of strongly interacting systems – primarily Quantum Chromodynamics, the theory describing the strong interactions of quarks and gluons. The Symposium has been held from the 18th to the 24th of June 2017 in Granada, Spain, a jewel of multicultural architecture and heritage. The Conference venue, the Granada Exhibition and Conference Centre, is very well situated in the centre of this historic city. The Symposium has taken place for the first time in Spain and was jointly organised by the Spanish Lattice Field Theory community.

1 Local Organising Committee (LOC)

- Azcoiti, Vicente (UNIZAR)
- Campos, Isabel (CSIC)
- Della Morte, Michele (CP3-Origins)
- Follana, Eduardo (UNIZAR)
- Fritzsche, Patrick (CERN)
- Gámiz Sánchez, Elvira (UGR/CAFPE) *Chair*
- García Pérez, Margarita (IFT UAM-CSIC)
- González-Arroyo, Antonio (UAM & IFT UAM-CSIC) *co-Chair*
- Herdoíza, Gregorio (UAM & IFT UAM-CSIC)
- Hernández, Pilar (IFIC-UVEG)
- Mescia, Federico (ICC-UB)
- Parreño, Assumpta (ICC-UB)
- Pena Ruano, Carlos (UAM & IFT UAM-CSIC)
- Ramos, Alberto (CERN)
- Rodríguez-Quintero, José (UH/CAFPE)

2 International Advisory Committee (IAC)

- Alexandrou, Constantia (Cyprus U.)
- Aoki, Sinya (Kyoto U.)
- Collins, Sara (Regensburg U.)
- D'Elia, Massimo (U. Pisa)
- Detmold, William (MIT)
- Ding, Heng-Tong (CCNU)
- Ejiri, Shinji (Niigata U.)
- El-Khadra, Aida (U. Illinois, Urbana-Champaign)
- Greensite, Jeff (San Francisco State U.)
- Gupta, Rajan (LANL)
- Hasenfratz, Anna (Colorado U.)
- Kaplan, David (U. Washington, Seattle)
- Knechtli, Francesco (Bergische U., Wuppertal)
- Laine, Mikko (Bern U.)
- Lellouch, Laurent (CNRS/Aix-Marseille U.)
- Lin, David (NCTU Hsinchu)
- Lin, Huey-Wen (Michigan State U.)
- Mendes, Tereza (São Paulo U.)
- Ohta, Shigemi (KEK/Sokendai/RBRC)
- Patella, Agostino (CERN/Plymouth U.)
- Ryan, Sinéad (Trinity College Dublin)
- Sachrajda, Chris (Southampton U.)
- Shigemitsu, Junko (Ohio State U.)
- Suzuki, Hiroshi (Kyushu U.)
- Zanotti, James (Adelaide U.)

3 Acknowledgements

Special thanks go to Feliciano de Soto (Univ. Pablo Olavide) and Alejandro Vaquero (Utah U.), and the present generation of students who have helped in smoothly running the plenary and parallel sessions:

- Bussone, Andrea (CP3-Origins)
- Ibáñez Bribián, Eduardo (IFT)
- Illa, Marc (UB)
- Romero, Fernando (IFIC-UVEG)
- Romero Jurado, José Angel (IFT)

- Royo Amondarain, Eduardo (UNIZAR)
- Toniato, Arianna (CP3-Origins)
- Ugarrio, Javier (IFT)

4 Organising Institutes and Sponsors



UNIVERSIDAD
DE GRANADA



Patronato de la Alhambra y Generalife
CONSEJERÍA DE CULTURA



UNIVERSITAT
DE VALÈNCIA



UNIVERSITAT DE
BARCELONA



35TH INTERNATIONAL SYMPOSIUM ON LATTICE FIELD THEORY



Lattice2017



18 - 24 JUNE 2017
GRANADA SPAIN
www.lattice2017.es

LOCAL ORGANIZING COMMITTEE

Vicente Azcoiti (UNIZAR)
Isabel Campos (CSIC)
Eduardo Follana (UNIZAR)
Patrick Fritsch (CERN)
Elvira Gámiz (UGR/CAFFE) **Chair**
Margarita García (IFT UAM-CSIC)
Antonio González-Arroyo (UAM/IFT) **co-Chair**
Gregorio Herdoiza (UAM/IFT)
Pilar Hernández (IFIC-VEG)
Federico Mesia (ICC-UB)
Michele Della Morte (CP3-Origins)
Assumpta Parreño (ICC-UB)
Carlos Pena (UAM/IFT)
Alberto Ramos (CERN)
José Rodríguez-Quintero (UH/CAFFE)

INTERNATIONAL ADVISORY COMMITTEE

Constania Alexandrou (Cyprus)
Sinya Aoki (Kyoto)
Sara Collins (Regensburg)
Massimo D'Elia (Pisa)
William Detmold (MIT)
Heng-Tong Ding (CCNU)
Shinji Ejiri (Niigata)
Aida El-Khadra (Illinois)
Jeff Greenite (San Francisco)
Rajan Gupta (LANL)
Anna Hasenfratz (Colorado)
David Kaplan (Washington, Seattle)
Francesco Knechtli (Wuppertal)
Mikko Laine (Bern)
Laurent Lellouch (CNRS/Aix-Marseille)
David Lin (NCTU Hsinchu)
Huey-Wen Lin (Michigan State)
Tereza Mendes (São Paulo)
Shigemi Ohia (KEK/Sokendai/RBRC)
Agostino Patella (CERN/Plymouth)
Sinéad Ryan (Trinity College Dublin)
Chris Sachrajda (Southampton)
Junko Shigemitsu (Ohio State)
Hiroshi Suzuki (Kyushu)
James Zanotti (Adelaide)

CONFERENCE TOPICS

Algorithms & Machines
Applications Beyond QCD
Chiral Symmetry
Hadron Spectroscopy & Interactions
Hadron Structure
Nonzero Temperature & Density
Physics Beyond the Standard Model
SM Parameters & Renormalization
Theoretical Developments
Vacuum Structure & Confinement
Weak Decays & Matrix Elements