

Workshop on Solitons: Integrability, Duality and Applications

Instituto de Física Teórica - UNESP, São Paulo, Brasil

April 18 - 21, 2017



The workshop will focus on several aspects of non-linear phenomena in field theory, in particular on the properties of solitons. Topics will include both the mathematical structures of these systems, such as (classical) integrability and duality, and also applications of these systems to different branches of science using numerical techniques. We will also honour the important contributions of Prof. Dr. Luiz Agostinho Ferreira (IFSC/USP) to this area on the occasion of his 60th birthday during the Wednesday session of this workshop. *There is no registration fee.*

Organizers:

C. Constantinidis (UFES), B. Hartmann (IFSC/USP), G. Luchini (UFES), W. J. Zakrzewski (U. Durham)

Speakers:

Christoph Adam (U. Santiago de Compostela, Spain)

Orlando Alvarez* (Miami U., USA)

Henrik Aratyn* (U. Illinois-Chicago, USA)

Paulo Assis (UFG, Brazil)

Olivier Babelon* (U. Paris 6-Jussieu, France)

Loriano Bonora (SISSA Trieste, Italy)

Stefan Bolognesi (U. Pisa, Italy)

Yves Brihaye (U. Mons, Belgium)

Ed Corrigan (U. York, England)

Peter Forgacs (U. Tours, France)

David Foster (Bristol U., England)

Andreas Fring (London City U., England)

José F. Gomes (IFT-UNESP, Brazil)

Partha Guha (SN Bose Center Kolkata, India)

Joaquin S. Guillen (U. Santiago de Compostela, Spain)

Derek Harland (U. Leeds, England)

Theodora Ioannidou (U. Thessaloniki, Greece)

Marek Karliner (Tel Aviv University, Israel)

Pawel Klimas (UFSC, Brazil)

Marco A. C. Kneipp (UFSC, Brazil)

Jutta Kunz (U. Oldenburg, Germany)

Steffen Krusch (U. Kent-Canterbury, UK)

Árpád Lukács (U. Thessaloniki, Greece)

Nick Manton* (DAMTP Cambridge, England)

Luis Miramontes* (U. Santiago de Compostela, Spain)

Carlos Naya (U. Durham, UK)

Antti Niemi (U. Tours, France & U. Upsalla, Sweden)

Munetto Nitta* (Keio University, Japan)

Manu Paranjape (U. Montreal, Canada)

Alexander Razumov* (IHEP – Moscow, Russia)

Nobuyuki Sawado (Tokyo U. of Sciences, Japan)

Fidel Schaposnik (La Plata U., Argentina)

Bernd Schroers (Heriot Watt U., Scotland)

Rafael Sorkin* (Perimeter I., Canada)

Paul Sutcliffe (U. Durham, England)

Kouichi Toda (Toyama Prefectural U., Japan)

Jochem Wambach* (U. Darmstadt, Germany)

Erick Weinberg (Columbia U., USA)

A. Wereszczynski (Jagiellonian U. Krakov, Poland)

Abraham H. Zimerman* (IFT-UNESP, Brazil)

* to be confirmed



ICTP-SAIFR Steering Committee:

Fernando Quevedo (chair)
ICTP director
Julio Cezar Durigan
UNESP rector
Carlos Brito Cruz
FAPESP scientific director
Jacob Palis
Brazilian Acad. of Science
Juan Maldacena
Representing South America

ICTP-SAIFR Scientific Council:

Peter Goddard (chair)
IAS, Princeton
S. Randjbar-Daemi (coord.)
ICTP vice-director
Rogério Rosenfeld
IFT-UNESP director
Marcela Carena
Fermilab / Univ. Chicago
Marcel Clerc
Univ. de Chile, Santiago
Belita Koiller
UFRJ, Rio de Janeiro
Luis Lehner
Perimeter Inst., Waterloo
Gabriel Mindlin
Univ. de Buenos Aires
Matias Zaldarriaga
IAS, Princeton
Barton Zwiebach
MIT, Cambridge

ICTP-SAIFR Staff:

Nathan Berkovits
Director
Rogério Rosenfeld
Vice-director
Jandira Oliveira
Executive manager
Nadia Rosa Roque
Executive secretary
Lucas Sanches
Computer Systems manager
Lilia Faria
Financial manager

The registration deadline is February 18, 2017

The online registration form and more information can be found at:

www.ictp-saifr.org/soliton2017