International Workshop on

Modelling across the Biology–Mechanics Interface

September 1-4, 2015

Castro Urdiales

Cantabria

Spain

at La Residencia

Hosted by the

Centro Internacional de Encuentros Matemáticos

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Scope of the Workshop

The Workshop will focus on multi-scale continuum mechanical modelling of biomechanical problems motivated by applications arising in the biological sciences. It aims to bring together mathematical scientists, engineers, physicists and biologists with an interest in the applications of mechanics to biological problems in order to stimulate new interdisciplinary approaches involving theoretical, experimental and computational aspects of the subject.

The Workshop starts on 31st August with a welcome reception around 8.30pm.

Scientific Committee

Martine Ben Amar, Ecole Normale Supérieure (France)
Gal deBotton, Ben-Gurion University of the Negev (Israel)
Michel Destrade, National University of Ireland Galway (Ireland)
Manuel Doblaré, Universidad de Zaragoza (Spain)
Luis Dorfmann, Tufts University(USA)
Alain Goriely, Oxford University (UK)
Andreas Menzel, Lund University (Sweden)
Giuseppe Saccomandi, Università degli Studi di Perugia, (Italy)
Ivonne Sgura, Università del Salento (Italy)
Kostas Soldatos, Nottingham University (UK)

Call for Papers

Prospective participants are invited to submit a one-page Abstract on a topic related to the subject of the Workshop. The Abstract should outline briefly the main results, conclusions and significance of the work. It should be written in English and be submitted in *.doc, set in 12pt type. It should include

- full names, addresses and affiliations of each author
- mail and email addresses of each author

and be submitted by 15 May, 2015. An earlier indication of intention to participate would help in the planning and would be very much appreciated.

Students with relevant experience are also encouraged to attend the Workshop.

Venue

The Workshop will take place in the small picturesque seaside town of Castro Urdiales, which is on the north coast of Spain situated about 25 minutes by road from Bilbao on the main route to Santander. The Workshop venue is the recently restored building called La Residencia, situated near the centre of the town only 50 metres from the sea and a short walk from the hotels.

Here is an interactive (satellite and regular) map of Castro Urdiales

Accommodation

A number of hotel rooms have been earmarked for participants in the Workshop. Participants should contact the hotels directly by email (data below) to book their accommodation, stating that they are participating in the 'CIEM' Workshop. Special (reduced) rates for the Colloquium have been negotiated. Breakfast is included.

Hotel Las Rocas 4*	Hotel Vista Alegre 3*
Single room: 72.5 euros +10% tax	45 euros +10% tax
Double room: 89 euros + 10% tax	55 euros + 10% tax

Note: both hotels have free internet access in the rooms and wireless internet access in some locations.

Las Rocas: email info@lasrocashotel.com

Vista Alegre: email hvistaalegre@hotmail.com

Important Dates

Abstract submission: 15 May, 2015

Payment of registration fees:

By 1 June: 275 € (students 200 €) After 1 June: 350 €

Registration fee payment method

By transfer to the following account at the bank: La CAIXA
Bank address: Los jardines s/n en Castro Urdiales, 39700, Cantabria
IBAN ES50 2100 1279 7502 0011 0273
BIC (Swift) CAIXESBBXXX

IMPORTANT: PLEASE ASK YOUR BANK TO WRITE AS THE SUBJECT: CIEM-TRENDS + LAST NAME OF PERSON PAYING

Transportation

The nearest airport to Castro Urdiales is in Bilbao, and is about 25 minutes by road. The best way to reach Castro Urdiales from the airport is by taxi, but the organizers will aim to arrange transportation between the hotels and Bilbao airport on arrival and departure.

Supporting Organizations

Centro Internacional de Encuentros Matemáticos
Universidad de Cantabria
I-MATH
Ayuntamiento de Castro Urdiales
Universidad Politécnica de Madrid
University of Glasgow