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## IBERFAULT 2014

### Second Iberian Meeting on Active faults and Paleoseismology

### FIRST CIRCULAR

Lorca, Spain.

22th to 24th October de 2014

<http://www.iberfault.org>

### Organization

#### Coordination

José J. Martínez Díaz (UCM); Eulalia Masana Closa (UB); Miguel A. Rodríguez Pascua (IGME)

#### Organizing Committee

Julián García Mayordomo (IGME); Juan A. Lopez Martín (IES R. Arcas Lorca); Juan M. Insua (UCM); Jose A. Álvarez (UCM); Carolina Canora (ITSL); Fidel Martin (URJC); Francisco Martinez (Made2Dream); Joao Cabral (Univ. Lisboa); Ruben Dias (LNEG); Catarina Moniz (LNEG); Giorgi Khazaradze (UB); Raimon Pallàs (UB); María Ortuño (UB); Eulàlia Gràcia (ICM-CSIC); Hector Perea (ICM-CSIC); Anna Echeverría (UB); Marta Ferrater (UB); Jorge Giner (UAM); Emilio Rodríguez Escudero (UAM); Martín J. Rodríguez Peces (UCM); Jorge Alonso Henar (UCM); Alberto Jiménez Díaz (UCM)

### Venue

The meeting will be held at the Centro de Desarrollo Local de Lorca, Murcia. Venue information at:



<http://www.iberfault.org>

### Collaborators



### Accommodation

Several hotels offer special accommodation fees to meeting attendees. More information at the website.



More information at the web site:

<http://www.iberfault.org>

Or sending e-mail to: [organizacion@iberfault.org](mailto:organizacion@iberfault.org)



## Welcome to Iberfault

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We are pleased to announce the **SECOND IBERIAN MEETING ON ACTIVE FAULTS AND PALEOSEISMOLOGY**, to be held in Lorca (Murcia, Spain), in the "Centro de Desarrollo Local" (October 22<sup>nd</sup> to 24<sup>th</sup>). This call is to invite the participation of all researchers focusing on active faults in the Iberian Peninsula.

Although priority will be given to those studies presenting seismogenic parameters of active faults (maximum magnitude, slip rate, level of activity, recurrence period, etc.) we welcome presentations on the recent tectonics of specific faults and synthetic analyses of pre-existing data in Iberia.

### Field trips

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**Short field trip: The Alhama de Murcia Fault close to Lorca.** During the meeting a half day field trip will be offered to discuss the general structure and paleoseismic evidences of recent deformation in several paleoseismic sites along of the Alhama de Murcia Fault near the city of Lorca. This tour will be led by J. Martinez-Diaz (UCM), E. Masana, M. Ortuno, M. Ferrater (UB) and PG Silva (USal). Registration for this tour can be made at the time of on site registration.

**Long field trip: Tectonic geomorphology and paleoseismic records in the Palomares Fault and Aguilas Arc (Murcia, SE Spain)**

This trip will be held 25th and 26th (Saturday and Sunday). It corresponds with the official field trip organized by the QTEC of the AEQUA. It will be guided by PG Silva (University of Salamanca), T. Bardají (UAH), M. A. Rodríguez-Pascua (IGME) and E. Roquero (UPM). For more information about the cost of this tour and registration instructions please contact Miguel A. Rodríguez Pascua (ma.rodriquez@igme.es)



### Scientific Program

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#### Sessions

- SF1**: Quaternary active faults in the continental crust
- SF2**: Quaternary active faults in offshore areas of Iberia
- SF3**: Archaeoseismology and active faults
- SF4**: Advanced techniques in the seismic characterization of active faults
- SF5**: The implementation of paleoseismic data into seismic hazard and risk analysis

#### Invited Talks

-La zona sismogénica de los límites de placa en zonas de subducción: ¿Qué controla la zona de ruptura de los grandes terremotos? (The seismogenic zone of the plate boundary of subduction zones: What controls the rupture zone of great and giant earthquakes?) *Cesar Ranero (ICM, CSIC)*

-The Global Earthquake Model (GEM Faulted Earth). *Pilar Villamor (GNS Science New Zealand)*

-La base de datos de fallas activas en el Cuaternario de la Península Ibérica (QAFI). (The Quaternary Active Fault Database of Iberia (QAFI). *Julian García Mayordomo (IGME)*

-Un Nuevo catálogo de efectos geológicos y ambientales de terremotos en España (A new catalog of geological and environmental effects of earthquakes in Spain ) *Pablo G. Silva Barroso (Universidad de Salamanca)*

-How scientific data contributes to risk management. *Kelvin Berryman (GNS Science)*

#### Expert panel discussions

- Active faults and seismic design codes
- Dating in active fault studies. Particular problems in the Iberian Peninsula

### Submitting a contribution

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Researchers interested in participate can send by email (publicaciones@iberfault.org) an extended abstract of 4 pages, strictly following the official format available at

<http://www.iberfault.org>

Oral and poster presentations are admitted. When sending the extended abstract the author will indicate his preference for oral or poster presentation. The Organizing Committee will inform the first author with enough time in advance about the type of presentation assigned.

Accepted abstracts will be edited and distributed among the participants during the meeting

### Language

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Spanish, Portuguese and English will be accepted as meeting languages, although English is recommended for the proceedings and posters.

### Important deadlines

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Submitting contributions: **June 1rst, 2014**

Registration at a reduced price: **July 31rst, 2014**

### Registration

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Registration rates:

100 Euros until July 31, 2014

150 Euros from July 31, 2014

50 Euros for researchers in formation.

Registration form, payment conditions, etc. at the

website: <http://www.iberfault.org>