

## Registration

Authors are invited to submit individual contributions to any of the conference topics listed in the Call for Papers. Registration and submission of abstracts and full papers should be made through the conference web page.

Registration does not oblige authors to pay any fee until the contribution is accepted. Papers can only be accepted on the understanding that they will be presented at the workshop.

## Important Dates

Deadline for Extended Abstract (3-4 pages) Submission	January 31, 2017
Notification of Acceptance of Abstracts	March 15, 2017
Registration Opens	March 15, 2017
Publication of final Program (only communications of registered authors will be included)	April 30, 2017
Early Registrations ends	April 30, 2017
Late Registration ends (without Abstract submission)	May 10, 2017
Online publication of extended abstracts (free access)	May 20, 2017

## Scientific Secretary

José Moya  
Departament of Civil and Environmental Engineering  
Universitat Politècnica de Catalunya  
Campus Nord, Building D-2  
Jordi Girona, 1-3 (08034)  
Barcelona, Spain

## Administrative Secretary

Marcela Silhankova  
CIMNE Congress Bureau  
VAT: (ES)Q-5850006-G  
Campus Nord UPC  
Building C3 - "Zona Comercial"  
Jordi Girona, 1-3 (08034)  
Barcelona, Spain  
Tel. +34 93 405 4694 / Fax +34 93 205 8347

## Conference Venue

The Conference will take place at the Campus Nord of the Technical University of Catalonia (UPC)

### Address:

Jordi Girona 1-3  
08034 Barcelona, Spain

## Supporting Organizations



# RocExs 2017

## 6th Interdisciplinary Workshop on Rockfall Protection

## Supporting Organizations

- Ministerio de Economía y Competitividad. Secretaria de Estado de investigación, desarrollo e innovación. Proyecto RockRisk (BIA2013-42582-P)
- Universitat Politècnica de Catalunya (UPC)
- Institut Cartogràfic i Geològic de Catalunya (ICGC)
- Rocexs Network
- JTC 1 - Joint Technical Committee on Natural Slopes and Landslides

Barcelona  
22-24 May 2017

Updated information on the Symposium will be available on the website at the address:  
<http://congress.cimne.com/rocexs2017>

## Organizers:



RocExs 2017 is organised on behalf of the Rockfall Expert Network (RocExs.NET) and the Joint Technical Committee of the ISSMFE, ISRM and IAEG (JTC-1) by the Universitat Politècnica de Catalunya (UPC) and the Institut Cartogràfic i Geològic de Catalunya (ICGC).

## Aims

Rockfalls are frequent and damaging hazard in mountainous regions and coastal cliffs. They are also frequent in cut slopes of the transportation corridors, in quarries and other excavations. Significant progress has been achieved in the last decades, particularly in the characterization of the rock masses at the potential rockfall sources, in detecting premonitory instability features and monitoring of displacements, in the rockfall modelling and in the design of both protective and stabilization measures. The analysis and management of the rockfall hazard and risk often requires a multidisciplinary approach. The aim of the workshop is to bring together earth scientists, engineers, practitioners, decision makers and end-users, in order to discuss and evaluate new methods, models and approaches for the analysis and management of the rockfalls that have been recently developed.

Previous workshops were held in Japan (Kanazawa 1999), France (Vaujany 2005, organized by Cemagref), Switzerland (Morschach 2008, organised by WSL, ETHZ und EPFL) and Austria (Innsbruck-Igls 2011, organized by the Geological Service of the Austrian Torrent and Avalanche Control) and Italy (Lecco, 2014), organized by the Politecnico di Milano, Università degli Studi di Milano-Bicocca and Ordine degli Ingegneri della Provincia di Lecco.

### Chairman

Jordi Corominas  
Universitat Politècnica de Catalunya (UPC)  
Spain

### Co-chairman

Marc Janeras  
Institut Cartogràfic i Geològic de Catalunya (ICGC)  
Spain

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Thomas Vogel  
(ETH Zürich, Switzerland)

Axel Volkwein  
(WSL, Switzerland)

Joan M. Vilaplana  
(Universitat de Barcelona, Spain)

## Programme

### Suggested Topics

- Rockfall source identification and characterization
- Rockfall inventory and/or mapping
- Parameters' characterization and tests
- Hazard and risk analyses
- Rockfall modeling
- Monitoring and alert systems
- Mitigation and protective measures
- Large rockfalls and rock avalanches
- Case histories

**The extended abstracts received and accepted will be presented in either oral or poster format. The decision will be communicated to the presenting authors in April 2017**

### May 24 - Field Trip

#### Rockfall management in Montserrat

- Rockfall hazard and risk characteristics in Montserrat Mountain (Sanctuary and Natural Park) and singular rockfall recent events
- Rock wall monitoring (jointmetric sensors, TLS, Total station, GbSAR)
- Rockfall protection for access infrastructures (roads and rack railway) and buildings: stabilization works and protective fences