

## ACCOMODATION

EURO-C 2014 will be held in St. Anton am Arlberg which is known as the "Cradle of Alpine skiing" – a magnificent snowy paradise of the highest calibre with high standards and excellent hospitality. More information can be found on the website: [www.stantonamarlberg.com](http://www.stantonamarlberg.com).

## REGISTRATION FEE

The registration fee includes, the proceedings, coffee breaks, banquet, all social events (including the traditional skirace) as well as daily lunches during the four days of EURO-C 2014, with early registration applicable if received before December 13, 2013:

	Early	Late
Authors and Delegates	€ 570	€ 630
Bona Fide Students	€ 270	€ 330

Information on registration and booking of hotel accommodation is available on the conference webpage at: <http://euro-c.tuwien.ac.at>

## IMPORTANT DATES

Abstract, deadline	June 14, 2013
Notification of acceptance	October 01, 2013
Full paper, deadline	December 13, 2013
Speaker registration, deadline	December 13, 2013
Early registration, deadline	December 13, 2013

## LOCATION

The four day conference EURO-C 2014 will be held in St. Anton am Arlberg which can be reached by car or train. Close to St. Anton are Innsbruck Airport (distance 100 km) or Zürich Airport (distance 180 km).

### Travelling by Train:

St. Anton am Arlberg Railway Station has regular services of Railjet-trains to all airports (Innsbruck, Munich and Zurich).

### Travelling by Car:

- Salzburg - Kufstein - Innsbruck - Landeck - St. Anton am Arlberg
- Munich - Fernpass - Landeck - St. Anton am Arlberg
- Stuttgart - Bregenz - Feldkirch - Bludenz - Arlbergpass or Arlbergtunnel - St. Anton am Arlberg
- Zürich - St. Gallen or Sargans, Feldkirch - Bludenz - Arlbergpass or Arlbergtunnel to St. Anton am Arlberg



## CONFERENCE OFFICE

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# EURO-C 2014

## Computational Modelling of Concrete and Concrete Structures

March 24 – 27, 2014

St. Anton am Arlberg, Austria



## CONFERENCE OBJECTIVES

With the EURO-C 2014, the series of conferences dedicated to computational methods and numerical models for the analysis of concrete and concrete structures, initiated in 1984 as ICC in Split, Croatia, celebrates its 30th anniversary. Based upon the success of the first conference and its subsequent amalgamation with the Delft Concrete Mechanics Colloquia, the series of EURO-C conferences continued with venues always located in the Austrian Alps, such as in Zell am See (1990), Innsbruck (1994), Bad Gastein (1998), St. Johann im Pongau (2003), Mayrhofen in Zillertal (2006), and Rohrmoos/Schladming (2010). The next EURO-C 2014 will be organised in St. Anton am Arlberg.

Keeping the spirit of this long-standing tradition, EURO-C 2014 is aiming to bring together researchers and engineers concerned with computational modelling of concrete structures, in order to review and discuss research advancements and to assess the applicability and robustness of methods and models for the analysis of complex concrete, (fibre-)reinforced concrete, and/or prestressed concrete structures in engineering practice.

Research in computational mechanics of concrete and other cementitious materials, including masonry and fibre-reinforced cementitious composites, advances with various modelling formulations and constitutive modelling frameworks. Recent developments include novel discretisation methods and consideration of micro-structural aspects within multi-field and multi-scale settings. Overall computational robustness of numerical predictions and mathematical rigour have further increased. The need for sophisticated models has led to many novel experimental programmes.

The organisers hope that the conference will continue to identify those research results and concepts which have proved to be robust, permitting a reliable, high-quality analysis and design of concrete structures, assessment of the safety of such structures against failure, and adoption in codes of practice or recommendations.

## CONFERENCE TOPICS

Conference topics and invited papers will cover both computational mechanics and computational modelling aspects of the analysis and the design of cementitious materials and concrete structures:

**Computational Modelling of Concrete Materials and Masonry**  
Modelling categories include plasticity, damage mechanics, micro-mechanics, fracture mechanics, multi-physics and multi-scale models, considering various coupling effects between mechanical, hygral, thermic and chemical processes, creep, shrinkage, hydration, models for fibre-matrix interactions, rate dependency, dynamic loading, among others.

**Computational Modelling of Concrete Structures**  
plain, reinforced, prestressed and fibre-reinforced concrete structures, masonry structures, ultimate load behaviour, reliability and safety concepts, automated design procedures, full-scale analyses, benchmarks, stochastic mechanics, durability and environmental aspects, structural repair and self-healing, performance under extreme conditions, e.g. fire, blast, ...

## CALL FOR PAPERS

Abstracts on the above topics - not less than 400, but not more than 600 words - are invited by June 14, 2013. Upon review by the Advisory Scientific Committee notification of acceptance will be given by October 01, 2013, when recommendations concerning the format of full papers will be sent to the authors.

Abstracts should be submitted online through the conference website at <http://euro-c.tuwien.ac.at>.

Conference proceedings will be available for the delegates at the conference. To ensure the production of the Proceedings in time, full papers will be required by December 13, 2013.

## EXHIBITIONS

Companies and/or publishers are kindly invited to exhibit their products and services. Interested exhibitors can find all necessary information on the conference website.

## CONFERENCE CHAIRMEN

Nenad BIČANIĆ	University of Rijeka, Croatia & University of Glasgow, UK
Herbert MANG	Vienna University of Technology, Austria
Günther MESCHKE	Ruhr University Bochum, Germany

## ADVISORY SCIENTIFIC COMMITTEE

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