

### Key dates

Submission of Abstracts	22 December 2014
Abstract Acceptance Notification	15 January 2015
Submission of Full Lengths Papers	31 March 2015
Paper Acceptance Notification	10 June 2015
Early Bird Registration	30 June 2015
Submission of Final Revised Papers	15 July 2015
Pre-Conference Scientific Tour	6 September 2015
SMAR 2015 Conference	7–9 September 2015

The official language of the conference is English

### Registration Fee

Early Bird Registration until 30 June 2015	€ 500.00 and € 250.00 for students
Standard Registration after 30 June 2015	€ 600.00 and € 350.00 for students

#### Registration fee includes:

Conference proceedings hard cover including extended abstracts and CD with full papers,  
conference reception and conference dinner, 3-days catering, coffee breaks and lunches  
Accompanying persons (none scientists) and visitors to exhibition € 200.00\*

\*Including: Conference reception, conference dinner, 3-days catering, coffee breaks and lunches

Accommodations see: [www.smar2015.org](http://www.smar2015.org)

### Pre-Conference Scientific Tour

Aspendos Theatre Restoration/Renovation Project and Antalya Expo Tower (under construction)

### Conference Secretaries

Pinar Inci (İTÜ, Turkey)	Michèle Koehli (Empa, Switzerland)
34469 Maslak, Istanbul/Turkey	CH 8600 Duebendorf, Switzerland
Phone: +90 212 285 3795-9	Phone: +41 58 765 42 20
Fax: +90 212 285 61 06	Fax: +41 58 765 11 22

Email: [secretariat@smar2015.org](mailto:secretariat@smar2015.org)

Conference website: [www.smar2015.org](http://www.smar2015.org)

## Invitation to Conference

# SMAR 2015 Antalya



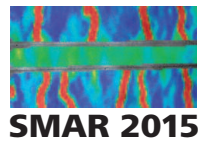
## Third Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures

SMAR 2015, Antalya TR

7–9 September 2015

Ramada Plaza Antalya

Conference website: [www.smar2015.org](http://www.smar2015.org)



## Scope

The International Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, SMAR 2015, will provide a forum for international scientists, engineers, enterprisers and infrastructure managers to present and discuss the state-of-the-practice and recent advances in testing and monitoring technology, in structural modeling and assessment methods, and in the application of advances materials for structural rehabilitation. The conference will provide a platform for exploring the potential of international cooperation.

SMAR 2015 is the third conference and will be sponsored jointly by the International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII), the International Institute of FRP in Construction (IIFC), RILEM and Turkish Chamber of Civil Engineers (TMMOB).

## Topics

Structural Health Monitoring

- Smart sensors
- Wireless sensor networks
- Implementation of structural monitoring
- Monitoring of off-shore structures and oil pipelines
- Monitoring of high rise buildings and bridges
- Advanced inspection and testing
- System identification and model updating
- Performance and damage assessment
- Safety evaluation and reliability forecast
- Damage control, repair and strengthening
- External strengthening using FRP composites
- Strengthening of concrete, timber and steel structures
- Strengthening of masonry and historic structures
- Confinement of concrete columns
- Near surface mounting reinforcement
- Seismic Retrofitting

Durability issues as related to harsh environments

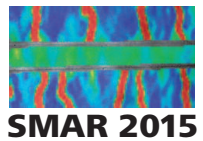
Special session: Shape memory alloys in civil structures

- Fire protection systems
- Practical applications and case studies
- Visionary Concepts

## Mirko Roš award for the best papers

- 1 paper in the field of “monitoring and assessment” and
- 1 paper in the field of “rehabilitation of civil structures”

Selected best papers will be proposed to be published in a Journal Special Issue dedicated to SMAR 2015 conference



## Conference Venue

City/Country: Antalya/Turkey

Date: 7–9 September 2015

Venue: Ramada Plaza Antalya

Gençlik Mahallesi Fevzi Çakmak Cadessi No 22  
TR – 07100 Antalya

[www.ramadaplazaantalya.com/](http://www.ramadaplazaantalya.com/)

## Conference Chairs

Professor Alper Ilki (Istanbul Technical University, Turkey)

Professor Masoud Motavalli (Empa, Switzerland)

## Organisation Committee (OC)

Çaglar Goksu, ITU; Medine Ispir, ITU; Ugur Demir, ITU; Cem Demir, ITU; Mustafa Cömert, ITU;  
Robert Widmann, Empa; Bernadette Havranek, Empa

## International Scientific Committee

Council members of ISHMII, IIFC and others, to be announced soon on conference website [www.smar2015.org](http://www.smar2015.org)

## Keynote Lecturers

**Nurdan M. Apaydin**, 1<sup>st</sup> Division of General Directorate of State Highways-Turkey

“Long-span bridges: behavior under operational and extreme loads”

**Christoph Czaderski**, Empa “Iron based shape memory alloys – a new material for prestressing of concrete structures”

**Michael N. Fardis**, University of Patras “Experience from the use of the European Standard EN1998-3:2005 on Seismic Assessment and Retrofitting of Buildings and prospects for the future”

**Daniele Inaudi**, SMARTEC “Point, quasi- and fully-distributed optical fiber sensing: what to use for SHM?”

**Koichi Kusunoki**, University of Tokyo “Automatic Damage Classification with SHM – We must know the condition of structures right after an earthquake”

**Mehdi Saïid Saïidi**, CATBI “Smart Materials for Accelerated Bridge Construction in High Seismic Zones”

## Sponsors

Local and international companies and institutions providing sensors, monitoring systems, FRP composites and other materials and systems for structural rehabilitation.

## Exhibition

Manufacturers and exhibitors in the field of smart monitoring, assessment and rehabilitation of Civil Structures are invited to reserve their stands at the conference SMAR 2015.