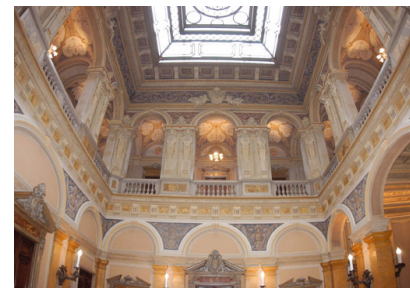


THE VENUE

Villa Erba Cernobbio, Como / Italy

Situated on the shores of Lake Como, the complex of Villa Erba includes a magnificent nineteenth century villa and a modern steel and glass construction which hosts the Conference Centre. Known chiefly as the residence of the film director Luchino Visconti, Villa Erba was conceived according to a mannerist-type inspiration, which gives it an immediately perceivable opulent nature. The villa extends over a square section, with wide stairways sloping down towards the lake from where to enjoy breathtaking views. Each room of the two-storey building is luxuriously decorated with multicoloured frescoes. The Conference Centre is a masterpiece of creative design by Mario Bellini. The steel and glass structure is respectful of the ancient park, whose beauty is reflected in steel and glass sheets, and blends perfectly with the romantic landscape of Lake Como. The large lakeside park, endowed with private moorings and its own helipad, forms an integral part of the Conference Centre environment and offers a chance to relax during the conference breaks and take a delightful walk among the impressive century-old trees in the botanic gardens. Villa Erba is five to ten minutes from downtown Como and just 30 to 45 minutes from Milan and Malpensa international airport.



POLITECNICO
DI MILANO

IABMAS 2012

6th International Conference on Bridge Maintenance, Safety and Management

Preliminary Announcement and Call for Papers

Villa Erba, Lake Como / Italy
July 8 - 12 | 2012

Conference Chairs:

Fabio Biondini Politecnico di Milano, Milan / Italy
Dan M. Frangopol Lehigh University, Bethlehem, PA / USA

IABMAS 2012 Scientific Secretariat

Department of Structural Engineering
Politecnico di Milano
Piazza Leonardo da Vinci, 32
20133 Milano, Italy

IABMAS 2012 Organizing Secretariat

Incentives e Congressi
Via Crocifissa di Rosa, 15
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Tel. +39.030.391026
Fax +39.030.383290

Email and Website

secretariat@iabmas2012.org
<http://www.iabmas2012.org>



IABMAS 2012

The 6th International Conference on Bridge Maintenance, Safety and Management (IABMAS 2012) is organized on behalf of the International Association for Bridge Maintenance And Safety (IABMAS) under the auspices of Politecnico di Milano, Milan, Italy. Fabio Biondini and Dan Frangopol will serve as Conference Chairs for IABMAS 2012. The Conference will be held in Cernobbio, Como, Italy, on July 8-12, 2012 (<http://www.iabmas2012.org>).

IABMAS

The Association encompasses all aspects of bridge maintenance, safety, and management. The objective of the Association is to promote international cooperation in the fields of bridge maintenance, safety, and management for the purpose of enhancing the welfare of society (<http://www.iabmas.org>).

Aim of the Conference

The aim of IABMAS 2012 is to bring together all the very best work that has been done in the field of bridge maintenance, safety and management and related topics, to stimulate and promote research into this field, and to bridge the gap between theory and practice.

Delegates

The Conference will be of interest to researchers, representatives from all sections of bridge engineering, bridge engineers working with transportation departments, consultants, contractors and local authorities interested in all aspects of bridge maintenance, safety, and management.

Call for Papers

Authors are kindly invited to submit 300-word abstracts by February 28th, 2011 through the online submission system available on the Conference website. Authors will be notified regarding the acceptance of their abstracts by March 31st, 2011. Full papers are due by November 18th, 2011. Final acceptance of full papers will be notified by December 31, 2011.

Call for Mini-Symposia and Special Sessions

Participants interested in organizing Mini-Symposia or Special Sessions as part of IABMAS 2012 are requested to submit a proposal to the Scientific Secretariat. Detailed information about the submission process will be made available on the Conference website.

Language

The official language of the Conference will be English.

Publication

The Conference proceedings will be published by an international publisher and will be distributed at the Conference to registered participants.

Important Dates

Deadline Abstract Submission	February 28, 2011
Preliminary Abstract Acceptance	March 31, 2011
Deadline Full Paper Submission	November 18, 2011
Final Paper Acceptance	December 31, 2011
Deadline Early Bird Registration	February 29, 2012

Past IABMAS Conferences

IABMAS 2010, Philadelphia, PA, USA, July 11-15, 2010.

IABMAS'08, Seoul, Korea, July 13-17, 2008.

IABMAS'06, Porto, Portugal, July 16-19, 2006

IABMAS'04, Kyoto, Japan, October 18-22, 2004.

IABMAS'02, Barcelona, Spain, July 14-17, 2002.

IABMAS 2010

The 5th International Conference on Bridge Maintenance, Safety and Management (IABMAS 2010) held in Philadelphia, PA, USA, on July 11-15, 2010 (<http://www.iabmas2010.org>). Dan Frangopol and Richard Sause served as Conference Chairs for IABMAS 2010.

IABMAS 2010

Scientific Committee

Fabio Biondini, Italy (co-Chair)

Andrzej Nowak, USA (co-Chair)

Chung-Bang Yun, Korea (co-Chair)

Shamim Pakzad, USA (Secretary)

Chad Kusko, USA (Ex-Officio)

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Yozo Fujino, Japan

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Sponsors of IABMAS 2010

ATLSS, Center for Advanced Technology for Large Structural Systems, USA

PITA, Pennsylvania Infrastructure Technology Alliance, USA

AASHTO American Association of State Highway and Transportation Officials, USA

ACI, American Concrete Institute, USA

AICAP, Associazione Italiana Calcestruzzo Armato e Precompresso, Italy

AIOM, Associazione di Ingegneria Offshore e Marina, Italy

ASCP, The Portuguese Group of IABMAS, Portugal

CAU, Chung-Ang University, Korea

CERIC, Civil Engineering Research Information Center, Korea

COWI A/S, Denmark

CTE, Collegio dei Tecnici dell'Edilizia, Italy

COSEIK, Computational Structural Engineering Institute of Korea, Korea

CMM, Portuguese Steelwork Association, Portugal

CU, University of Colorado at Boulder, USA

D'APPOLONIA, Italy

DGU, Dongguk University, Korea

ECCS, European Convention for Constructional Steelwork, Belgium

FHWA, Federal Highway Administration, USA

U.S. Department of Transportation, USA

IALCCE, International Association for Life-Cycle Civil Engineering

IASSAR, International Association for Structural Safety and Reliability

ISISE, Institute for Sustainability and Innovation in Structural Engineering, Portugal

JSCE, Japan Society of Civil Engineers, Japan

JSSC Japanese Society of Steel Construction, Japan

JSMS Japanese Society of Materials Science, Japan

ISTEC, Smart Infra-Structure Technology Center, KAIST, Korea

KU, Kansai University, Osaka, Japan

KBRC, Korea Bridge Design & Engineering Research Center, Korea

KCI, Korean Concrete Institute, Korea

KEC, Korea Expressway Corporation, Korea

KICT, Korea Institute of Construction Technology, Korea

KISTEC, Korea Infrastructure Safety & Technology Corporation, Korea

KSSC, Korean Society of Steel Construction, Korea

KU-CER, Kyoto University, Dept. of Civil and Earth Resources Engrg., Japan

MJU, Mongji University, Korea

P.C. Rossin College of Engineering and Applied Science, Lehigh University, USA

PCI, Precast/Prestressed Concrete Institute, USA

POLIMI, Politecnico di Milano, Italy

Tongji University, China

UM, University of Minho, Portugal

UniS, University of Surrey, UK

UPC, Technical University of Catalonia, Spain

Samsung C&T Corporation, Korea

SNU, Seoul National University, Korea

SEI, Structural Engineering Institute of ASCE, USA

TRB, Transportation Research Board, USA

T.Y. Lin International, USA

In the front cover:
View of the Europa Bridge in Parma, Italy
Owner: Authority for Urban Transformation, Parma, Italy
Contractor: Impresa Pizzarotti & C. and Codelfa S.p.A., Italy
Architectural Design: Vittorio Guasti Architettura S.r.l., Parma, Italy
Structural Design: Pier Giorgio Malerba, Paolo Galli and Marco Di Domizio, Milan, Italy
Construction Engineering: Paolo Sorba A.lerre P&L Engineering, Parma, Italy
Plants Design: Pool Engineering, Mareno di Piave, Treviso, Italy
Environmental Planning: Ambiter S.r.l., Parma, Italy