

SEGUNDO CONGRESO INTERNACIONAL DE
PUENTES – CHILE 2017: DISEÑO,
CONSTRUCCIÓN Y MANTENIMIENTO

SECOND INTERNATIONAL CONGRESS - CHILE
2017: DESIGN, CONSTRUCTION AND
MAINTENANCE

Santiago – CHILE, 18 al 20 de Octubre de 2017 – October 18 to 20, 2017

KEYNOTE LECTURE CONFERENCIA INTERNACIONAL DE PUENTES



Dr. Frangopol is the Founding President of the International Associations for Bridge Maintenance and Safety (IABMAS) and Life-Cycle Civil Engineering (IALCCE). He has authored/co-authored over 350 articles in archival journals including 9 prize winning papers. He is the Founding Editor of Structure and Infrastructure Engineering. Dr. Frangopol is the recipient of several medals, awards, and prizes, from ASCE, IABSE, IASSAR, and other professional organizations, such as the OPAL Award, the Newmark Medal, the Alfredo Ang Award, the T.Y. Lin Medal, the F. R. Khan Medal, and the Croes Medal (twice), to name a few. He holds 4 honorary doctorates and 12 honorary professorships from major universities. He is a foreign member of the Academia Europaea (Academy of Europe, London) and the Royal Academy of Belgium, an Honorary Member of the Romanian Academy, and a Distinguished Member of ASCE.

Keynote Lecture, IABMAS: “Life-Cycle, Risk and Sustainability of Bridges and Bridge Networks under Multi-Hazards”



Ángel C. Aparicio Bengoechea

Dr. Ingeniero de Caminos y catedrático de Puentes en la Escuela de Caminos de Barcelona (UPC), España

Ha sido autor, coautor, asesor y/o revisor del proyecto de más de 500 puentes de carretera y ferrocarril para España y el extranjero. Referente a sus líneas de investigación, ha trabajado en la respuesta no lineal de puentes de hormigón con pretensado interior o exterior; respuesta estructural y criterios de diseño de puentes de tirantes de todo tipo (convencionales, extradosados, atirantados inferiormente y combinados) y protección de grandes puentes frente a sismo. Así mismo, tiene una importante experiencia en la monitorización de estructuras y ensayos estáticos y dinámicos de las mismas en campo y laboratorio.

Keynote Lecture, UPC-BARCELONATECH: “Puentes Atirantados No Convencionales”

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Ian G. Buckle

Foundation Professor, Director of Center for Civil Engineering Earthquake Research (CCEER)
University of Nevada, Reno, USA

Keynote Lecture, University of Nevada: “Displacement based design of bridges” by Ian BUCKLE



Jose Campos e Matos (male) is Assistant Professor at the Faculty of Engineering of UMinho. Obtained his MSc in civil engineering on structural reliability at University of Porto, and Ph.D. in civil engineering on probabilistic-based assessment of structures, at the University of Minho. His research field covers asset management, Life-Cycle Costs (LCC), sustainability, safety assessment and risk analysis, and also tutors MSc and PhD students studying in these fields. In addition to the lectures in University of Minho, he lectured under the program ERASMUS in international universities and currently participate in several Doctoral Programs, namely PDEC, iRail and iDiSBE. He has been a member of ISISE, and he has also participated in international committees responsible for a task group from fib in LCC and other in assessment of existing concrete structures, and from an IABSE working group in infrastructures asset management. He is also member of working groups of CEN TC 250 and others commissions of IABSE. He is the main coordinator of SustIMS – Sustainable Infrastructure Management System R&D project, and the Chairman of COST Action TU 1406 – Quality Specifications for Roadway Bridges. He participates also in SMARTE – Highway Infrastructures Management System with the use of a Remote Monitoring based in Electric and Fiber Optic Sensors and more recently in ProTimber – Probabilistic Assessment of Existing Timber Structures. During his career, he published five books, six chapters in books, ten papers in international newsletters, more than fifty papers in national and international conferences and several technical reports. He was also member of scientific committee of several conferences, keynote speaker and organizer of several mini-symposium and special sessions. He his peer-review of several programs and journals. Long cooperation with industry, SME and many other different stakeholders. Consultant in bridges and special structures. Member of the Board of the Portuguese Young Entrepreneurship Association.

Keynote Lecture, TU COST 1406: “Cost Action Tu1406 Qualitative Specifications For Roadway Bridges, Standardization At A European Level (Bridgespec)”

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José Romo Martín

Ingeniero de Caminos en la Escuela de Caminos de Madrid (UPM), España.

Director Técnico y socio principal de FHECOR Ingenieros Consultores, empresa de primera importancia en España y el mundo, en la especialidad de estructuras. Reciente past president de ACHE, Asociación Científico Técnica del Hormigón Estructural, Española.

En Chile ha trabajado en varios proyectos, siendo el más relevante su labor como responsable de las Bases de Diseño y la revisión independiente de la ingeniería de revisión del proyecto Puente Canal de Chacao, proyecto COWI para el MOP.

Ha sido autor, coautor, asesor y/o revisor de proyectos estructurales de variada índole, destacándose puentes como el del río Rio Vinalopó en Elche (colgante), el puente Atirantado sobre la Ria de Noia, de 1,5 km de longitud con 46 vanos siendo el tramo principal atirantado, por mostrar obras recientemente construidas.

Keynote Lecture: “Aesthetic of bridges. The art of the self – expression of the structures’ logic.