
WEDNESDAY, JUNE 23, 2004

09.00 – 09.30 OPENING SESSION

- Jacques GODFRAIN, former French Minister, Member of the French Parliament and Mayor of Millau, France
- Sylvie PETETIN, President of OTUA, France

09.30 – 10.30 SESSION 1 ARCHITECTURE AND DESIGN

Session chairmen: F. LEPINGLE, Road Directorate, France - W.HOORPAH, Conference secretary

- 1.1 The steel bridges of the A75 motorway - G. GILLET, France
- 1.2 Architecture and structure of bridges - A. LENZNER, UK

10.30 – 11.00 COFFEE BREAK

- Poster Session

11.00 – 12.30 SESSION 2 CABLE – STAYED BRIDGES

Session chairmen: N. GIMSING, Technical University of Denmark, Denmark - Ph.VION, Sétra

- 2.1 Stonecutters Bridge - Design of the Steel Superstructure – T. VEJRUM, Denmark
- 2.2 The design and construction of the Port Tawe Bridges - I. FIRTH, UK
- 2.3 Visual inspection of bridge cables and their coatings. A. BOUE, Germany
- 2.4 The Venice commercial port bridge. M. NOVARIN, France
- 2.5 A new and unusual cable-stayed footbridge at Valladolid. M.G. NAVARRO, Spain

12.30 – 14.30 LUNCH

- Poster Session

14.30 – 16.00 SESSION 3 SUSPENSION BRIDGES

Session chairman: J.P. GOURMELON, Central Laboratory of Bridges and Roads, France and U. KUHLMANN, University of Stuttgart, Germany

- 3.1 Modern suspension bridges from a global viewpoint. K. OSTENFELD, Denmark
- 3.2 Long span bridge aerodynamics – Six steel bridge case studies. J. RAGGETT, USA
- 3.3 Suspension bridge cable replacement. P. SLUSZKA, USA
- 3.4 The California orthotropic steel bridges 1965-2004. A.-R. MANGUS, USA
- 3.5 Wind Tunnel Testing of the Parallel Tacoma Narrows Bridges. S. STOYANOFF and Y.GAUTHIER, Canada
- 3.6 New Carquinez bridge - North America's newest suspension bridge. E. THIMMHARDY USA

16.00 – 16.20 COFFEE BREAK

- Poster Session

16.20 – 18.30 SESSION 4 STEEL GIRDER BRIDGES

Session chairmen: C. DOLLING, CORUS, UK - B. CHABROLIN, CTICM, France

- 4.1 Composite bridges built in an area affected by a mining subsidence. I. HUSTY, Czech Republic
- 4.2 Construction of the Chiapas Bridge superstructure. R. GOMEZ, Mexico
- 4.3 The Spanish experience in double composite bridges: evolution and application to some exceptional bridges. J.F. MILLANES, Spain
- 4.4 Design of high performance bridges in the small and medium span range. Ph. RAMONDENC, France
- 4.11 Billy-le-Grand and Bussy-le-Château bridges on France's new eastern high speed train line. D. FRIOT, France
- 4.6 Composite twin girder bridges with long spans large width. R. DUBOIS, France
- 4.7 Improvement of twin girder decks (MIKTI research program). F. TAVAKOLI, France
- 4.8 The Jaulny Viaduct, new East HSR, France. J.B. DATRY, France
- 4.9 Salto del Carnero railway bridge, Concept and design. P. TANER, Spain
- 4.10 Current worldwide trends in modern steel plates for bridge constructions. F. SCHRÖTER, Germany

19.00 – 23.00 WELCOME COCKTAIL ON THE BANKS OF THE RIVER TARN

THURSDAY, JUNE 24, 2004

09.00 INTRODUCTION

- Pierre BOURRIER, Arcelor, Luxemburg

09.05 – 10.00 SESSION 5 ARCH BRIDGES

Session chairmen: J.-M. CALZON, MC2, Spain – J. BERTHELLEMY, Sétra, France

- 5.1 Design of the main spans of the Chongqing Caiyanba Bridge. M.-C. TANG, USA
- 5.2 Fourth bridge over the Grand Canal between Piazzale Roma and Venice Railway. F. BONZIO, Italy
- 5.3 Design topics for a restricted horizontal force arch bridge. G.L. PITA, Argentina
- 5.4 Vortex-induced vibrations of the diagonal hangers of the Werkspoor bridge. W. HOECKMAN, Belgium

10.00 – 10.30 COFFEE BREAK

- Poster Session

10.30 – 12.30 SESSION 6 LAUNCHING

Session chairmen: J. RAOUL, Sétra, France – V. de VILLE de GOYET, Greisch, Belgium

- 6.1 Web buckling, patch loading and launching bridges. E. MAIORANA, Italy
- 6.2 Longitudinally Stiffened Girder Webs subjected to patch loading. U. KUHLMANN, Germany
- 6.3 Lanjaron Bridge launching, Spain. F. TARQUIS, Spain
- 6.4 Design improvements for patch loading resistance in bridges during launching. T. RIPA, Spain
- 6.5 Patch load resistance of longitudinally stiffened bridge girder. L. DAVAINÉ, France

12.30 – 14.30 LUNCH

- Poster Session

14.30 – 16.00 SESSION 7 MILLAU VIADUCT – CONCEPTUAL DESIGN

Session chairman: J.F. COSTE, President of the international experts committee of Millau Viaduct, France

- 7.1 Introduction. M. LEGRAND, France
- 7.2 Conceptual design of Millau Viaduct. M. VIRLOGEUX, France
- 7.3 The deck erection methods. J.M. CREMER, Belgium

16.00 – 16.30 COFFEE BREAK

- Posters Session

16.30 – 18.30 SESSION 8 MILLAU VIADUCT – FINAL DESIGN AND CONSTRUCTION

Session chairman: M. LEGRAND, President of CEVM, France

- 8.1 Wind studies for the Millau Viaduct. G. GRILLAUD, France
- 8.2 General calculations. J.-Y. DEL FORNO, Belgium
- 8.3 Special calculations. V. de VILLE de GOYET, Belgium
- 8.4 Fabrication and launching of the deck. M. BUONOMO, France
- 8.5 Monitoring design and implementation. C. SERVANT, France
- 8.6 Conclusion on the Millau bridge construction. J.HUILLARD, France

18.30- 18.45 SYMPOSIUM CONCLUSIONS

- Symposium conclusions – N. GIMSING, M. VIRLOGEUX

20.30 – 24.00 CONFERENCE DINNER

- Castle of Tournemire
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FRIDAY, JUNE 25, 2004

09.00 – 13.00 VISIT TO THE MILLAU VIADUCT

13.00 – 14.00 LUNCH BUFFET (Les Cazalous)

14.00 – 17.00 TECHNICAL VISITS (Garrigue & Verrières Viaducts)

SPEAKERS

Nom	Prénom	Société	Pays
GODFRAIN	Jacques	Mairie de Millau	France
COSTE	Jean-François	President of the international experts committee of Millau Viaduct	France
PETETIN	Sylvie	OTUA	France
LEPINGLE	François	Road Directorate	France
GILLET	Georges	AIOA	France
LENCZNER	Alistair	Foster and Partner	UK
GIMSING	Niels	Technical University of Denmark	Denmark
FALBE-HANSEN	Klaus	Arup & Partners	UK
FIRTH	Ian P.T.	Flint & Neill Partnership	UK
BOUE	Andreas	Boué Ingenieure	Germany
NOVARIN	Marco	Eiffage TP	France
NAVARRO	Miguel Gomez	MC-2 Estudio de ingeniera	Spain
GOURMELON	Jean-Paul	Central Laboratory of Bridges and Roads	France
OSTENFELD	Klaus H.	COWI A/S	Denmark
RAGGETT	Jon	West Wind Laboratory, Inc.	USA
SLUSZKA	Peter	Ammann & Whitney	USA
MANGUS	Alfred R.	CALTRANS	USA
STOYANOFF	Stoyan	Rowan Williams Davies & Irwin Inc.	Canada
THIMMHARDY	Eugene	Caltrans	USA
DOLLING	Chris	Corus	UK
CHABROLIN	Bruno	CTICM	France
HUSTY	Ilja	Technical university of BRNO	Czech Republic
GOMEZ	Roberto	Institute of Engineering, UNAM	Mexico
MILLANES	Francisco	IDEAM	Spain
RAMONDENC	Philippe	SNCF	France
FRIOT	Dominique	Coyne et Bellier	France
DUBOIS	Robert	Baudin Châteauneuf SA	France
TAVAKOLI	Ferry	CETE de Lyon	France
DATRY	Jean-Bernard	SETEC TPI	France
TANER	Peter	CESMA Ingenieros	Spain
SCHROTER	Falko	AG Der Dillinger Hüttenwerke	Germany
BOURRIER	Pierre	Arcelor	Luxembourg
TANG	Man-Chung	T.Y. Lin International	USA
VENTO	Salvator	Procedure Manager Venice City Council	Italy
PITA	Gonzalo L.	Universidad Tecnologica Nacional	Argentina
HOECKMAN	Wim	Victor Buyck Steel Construction	Belgium
MAIORANA	Emanuele	OMBA Impianti & Engineering S.p.A.	Italy
KUHLMANN	Ulrike	University of Stuttgart	Germany
TARQUIS	Felipe	Dragados	Spain
RIPA	Tomas	IDEAM S.A.	Spain
DAVAINE	Laurence	SETRA	France
LEGRAND	Marc	CEVM	France
VIRLOGEUX	Michel	Consulting Engineer and Designer	France
CREMER	Jean-Marie	Greisch	Belgium
GRILLAUD	Gérard	CSTB - Département CABE	France
DEL FORNO	Jean-Yves	Greisch	Belgium
De VILLE de GOYET	Vincent	Greisch	Belgium

Steelbridge 2004

International symposium on steel bridges



BUONOMO	Marc	Eiffel CM	France
SERVANT	Claude	Eiffage TP	France
HUILLARD	Jacques	Eiffel	France
HOORPAH	Wasoodev	OTUA	France
CALZON	Julio Martinez	MC2	Spain
BERTHELLEMY	Jacques	Setra	France
RAOUL	Jöel	Setra	France