

1. Record Nr.	UNINA9910785941003321
Titolo	Tubular structures XIV : proceedings of the 14th International Symposium on Tubular Structures, London, UK, 12-14 September 2012 // editor, Leroy Gardner
Pubbl/distr/stampa	Leiden, The Netherlands : , : CRC Press, , 2012
ISBN	0-429-21673-4 0-203-07310-X
Descrizione fisica	1 online resource (798 p.)
Altri autori (Persone)	GardnerL (Leroy)
Disciplina	624.177
Soggetti	Tubular steel structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Balkema book.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Tubular Structures XIV; Copyright; Table of contents; Preface; Publications of previous international symposia on tubular structures; Organisation; Acknowledgements; ISTS Kurobane lecture; Hybrid hollow structural sections; CIDECT 50th anniversary session papers; Tubular steel structures in architecture; Design and erection of the London Eye and the Wembley National Stadium arch; Composite construction; Local buckling in Concrete-Filled circular Tubes (CFT); Concrete filled circular hollow sections under cyclic axial loading An experimental study of high-strength CFST columns subjected to axial load and non-constant bending moments Static behavior of T-shaped concrete-filled steel tubular columns subjected to eccentric compressive loads; Time effects on the static response of concrete filled steel tubular arch bridges; Experimental study on concrete-filled cold-formed steel tubular stub columns; Concrete filled double skin circular tubular members subjected to pure bending and centric compressive loading; Design of concrete filled tubular CHS T-joints under in-plane bending Research on the shear transfer mechanism of CFT panel zone Concrete filled double skin asymmetric tube sections subjected to pure bending; Connections; Influence of the angle in the strength of RHS K-joints in galvanized lattice girders; Over strength criteria of slotted connections with high yield strength steels; Finite element modelling of beam-to-

column flush end plate connections utilising blind bolts; Shear behaviour of open beam-to-tubular column angle connections; Residual stress investigation of welded high strength steel box T-joints  
Branch plate-to-CHS T-connections: Finite element study and design recommendations  
Response of beam-to-tubular column angle connections subjected to combined flexure and axial loading; Capacity of CFRHS X-joints made of double-grade S420 steel; Experimental investigation of the static capacity of grade C450 RHS T and X truss joints; FEA of T & X joints in Grade C450 steel; Measurements vs. estimation of nominal and local strain in a tubular K-joint of a stinger; Lessons learned from testing of tubular steel joints after 30 year in service

Structural performance of TS590 high-strength steel welded tubular joints under extreme bending loading  
Numerical investigation of welding residual stresses in planar bridge trusses made of CHS steel profiles; Analysis of the load transfer in composite columns with concrete filled hollow sections - bolts as load transfer devices; Proposed corrections for EN 1993-1-8, Part "Hollow Section Joints"; Nonlinear formulation for tubular X-joints in frame analysis; Numerical and analytical investigation of geometrical imperfections on adhesive bonded cast steel - steel joints

Axially loaded Elliptical Hollow Section X joints, Part I: Experiments and numerical calibration

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#### Sommario/riassunto

Tubular Structures XIV contains the latest scientific and engineering developments in the field of tubular steel structures, as presented at the 14th International Symposium on Tubular Structures (ISTS14, Imperial College London, UK, 12-14 September 2012). The International Symposium on Tubular Structures (ISTS) has a long-standing reputation for being the principal showcase for manufactured tubing and the prime international forum for presentation and discussion of research, developments and applications in this field.

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