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Nota di contenuto	<p>""Cover""; ""Contents""; ""Shear Connection""; ""Prediction of Shear Resistance of Headed Studs in Troughs of Profiled Sheeting""; ""Lifetime Oriented Design Concepts of Steel-Concrete Composite Structures Subjected to Fatigue Loading""; ""Headed Studs Close to the Concrete Surfacea€?Fatigue Behaviour and Application""; ""Fatigue Behavior of Shear Connectors in High Performance Concrete""; ""Cyclic Performances of Shear Connectors""; ""New Steel-Concrete Shear Connection for Composite Bridges""; ""Continuous Shear Connectors in Bridge Construction""</p> <p>""Effects of Group Arrangement on the Ultimate Strength of Stud Shear Connection""; ""Slab Systems""; ""Innovative Shear Connectors for a New Prestressed Composite Slab System for Buildings with Multiple HVACR Installations""; ""Composite Slab with Integrated Installation Floor Using Cellular Beams""; ""Steel Fibre Reinforced Continuous Composite Slabs""; ""Elemental Bending Test and Modeling of Shear Bond in Composite Slabs""; ""Composite Beams""; ""Ductility of Composite Beams with Trapezoidal Composite Slabs""</p> <p>""Effect of Strain Profiles on the Behavior of Shear Connectors for</p>

Composite Steel-Concrete Beams"""; "Design Model for Continuous Composite Beams with Web Openings"; "Efficient Design for the Calculation of the Deflection and the Shear Force Capacity of Slim-Floor Girder"; "The Multi-Storey Car Park for the ""Neue Landesmesse"" in Stuttgart over Highway A8, Germany"; "Design and Testing of Two Composite Underspanned Beams"; "Composite Columns"; "Flexural Behaviour of Concrete-Filled Thin-Walled Steel Tubes with Longitudinal Reinforcement"; "Behavior of Composite CFT Beam-Columns Based on Nonlinear Fiber Element Analysis"; "Structural Design of Concrete Filled Steel Elliptical Hollow Sections"; "Seismic Performance of Composite EWECS Columns in New Hybrid Structural System"; "Design of Composite Columnsa€? Steel, Concrete, or Composite Approach?"; "Strength of Concrete Filled Steel Tubes under High-Strain Rate Loading"; "Strength of Concrete Filled Historic Cast-Iron Columns"; "Concrete-Filled Steel Tube Columnsa€?Tests Compared with Eurocode 4"; "Design of Composite Columns Made of Concrete Filled Tubes with Inner Massive Core Profiles and High Strength Materials"; "Foundations and Column Bases"; "Design of Anchor Plates Based on the Component Method"; "An Economical and Efficient Foundation Connection for Concrete Filled Steel Tube Piers and Columns"; "Using Steel Fiber Reinforced Cementitious Composite (SFRCC) in Shallow Embedded Column Base"; "Codes and Structures"; "Composite Buildings in Germany"; "Composite Bridges in Germany Designed According to Eurocode 4-2"; "Where Structural Steel and Concrete Meet"; "Harmonization of Design Rules in Europe"

Sommario/riassunto

Proceedings of the Sixth International Conference on Composite Construction in Steel and Concrete, held at the Devil's Thumb Ranch in Tabernash, Colorado, July 20-24, 2008. Sponsored by Engineering Conferences International; the Structural Engineering Institute of ASCE. This collection contains 63 technical papers representing the state of the art in composite construction worldwide. Topics include: composite bridges, composite slabs, shear connectors, composite columns, innovative composite structural systems, fire and seismic resistance of composite structural systems, and practical applications.
