

SSCS2010 ACCEPTED PAPERS

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1	SUSTAINABLE MONUMENTAL STEEL STRUCTURES APPLICATION	O.EREN C.TEKIN	TURKEY
2	FROM SUSTAINABLE ASPECT: STEEL MODULAR BOX BUILDING SYSTEM DESIGN	O.EREN	TURKEY
3	DUCTILITY VS OVERSTRENGTH IN ROBUSTNESS BASED DESIGN OF MULTI-STORY STEEL BUILDING FRAMES UNDER ABNORMAL LOADINGS	F. DINU D. DUBINA	ROMANIA
4	3D COMPONENT METHOD FOR BASE BOLT JOINT	H. PERTTOLA M. HEINISUO	FINLAND
5	OPTIMIZATION OF THE SHAPE OF CHORD-FREE STEEL TOWERS IN CONNECTION WITH A WIND LOAD	V. GORDEIEV N. TISCHENKO	UKRAINE
6	CYCLIC BEHAVIOR AND NUMERICAL MODELING OF A SEMI-RIGID FRAME	C. VATANSEVER N. YARDIMCI	TURKEY
7	DETERMINING THE SLIP COEFFICIENT IN SLIP-CRITICAL CONNECTION BY EXPERIMENTAL METHODS	C. VATANSEVER N. YARDIMCI	TURKEY
8	EVALUATION OF THE STEEL LIQUID STORAGE TANK FAILURES IN THE 1999 KOCAELI EARTHQUAKE	G. YAZICI C. USTUNDAG F. CILI	TURKEY
9	SEISMIC FRAGILITY EVALUATION OF A LARGE LATTICE DOME SUPPORTED BY BUCKLING RESTRAINED BRACES	S. NAKAZAWA S. KATO	JAPAN
10	ABOUT THE HISTORY OF BRIDGE DESIGN	C. DICLELI	GERMANY
11	EXPERIMENTAL SQUASH LOADS OF PARTIALLY CONCRETE-FILLED THIN WELDED STEEL COLUMNS AXIALLY LOADED	N. HANDEL N. E. CHIKH D. ACHOURA	ALGERIA
12	STRUCTURE FOR A MONORAIL VEHICLE IN ZARAGOZA	G. CALICO A. ARNEDO A. SANMARTIN	SPAIN
13	STRENGTH AND DUCTILITY OF CONCRETE ENCASED COMPOSITE COLUMNS	C. CAMPIAN N. CHIRA V. SAV	ROMANIA

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14	A NEW METHOD FOR CALCULATION OF X-TYPE BRACINGS	N.T. CELTIKCI Y. CELTIKCI S. GUCLU	TURKEY
15	ASSESSMENT STUDY AND ANALYSIS OF SEISMIC PERFORMANCE OF R/C BUILDINGS RETROFITTED WITH STEEL BRACES	R. SHAHSHENAS E. M. GUNEYISI G. ALTAY	TURKEY
16	INVENTION: SEISMIC RETROFITTING BY EXTERIOR STEEL BRACE STRUCTURAL BUILDING JACKETING SYSTEM	C. BALKAYA	TURKEY
17	A380 AIRCRAFT HANGAR WITH A CLEAR SPAN OF 96M AND THE NEW AMIRY TERMINAL IN KUWAIT AIRPORT	T. KAYA H. OZYAR M. AKMAN	TURKEY
18	EVALUATION OF STRUCTURAL SAFETY LEVEL FOR FIRE CONDITIONS ON THE EXAMPLE OF A STEEL BEAM	M. MASLAK	POLAND
19	DISTORTIONAL BUCKLING OF STEEL I-COLUMNS	H. SHOWKATI B.M.NASAB NEJAD	IRAN
20	VIBRATIONS INDUCED BY HUMAN ACTIVITIES IN COMPOSITE STEEL FLOOR DECKS. CASE STUDY	D. CRETU E. TULEI C. GHINDEA R. CRUCIAT	ROMANIA
21	SEMI-RIGID STEEL STRUCTURES: NONLINEAR PERFORMANCE-BASED ANALYSIS	A. E. MATHE A.G. POPA	ROMANIA
22	INTEGRATION OF GREEN BUILDING CERTIFICATION SYSTEMS AND ENERGY PERFORMANCE CERTIFICATES: BREEAM-TURKEY AND BEP-TR	B. KOBAS Z. YILMAZ	TURKEY
23	SHEAR STUD CONNECTIONS IN COMPOSITE BEAMS – SAFETY FACTORS – FIRE CASE	T. DOMANSKI	POLAND
24	STRUCTURAL EXPLORATIONS ON THE GRAND TOUR	B. SILL	USA
25	A MODEL PROPOSAL FOR THE SELECTION PROCESS OF SUSTAINABLE TECHNOLOGIC CONSTRUCTION PRODUCTS	E. AVLAR P. K. ERCOSKUN	TURKEY

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27	MOMENT CAPACITY OF EXTENDED END PLATE CONNECTIONS ACCORDING TO AISC AND EUROCODE	N. D. AKSOYLAR A. S. ELNASHAI A. Z. OZTURK	TURKEY
28	GUIDELINES FOR MODELING THREE DIMENSIONAL STRUCTURAL CONNECTION MODELS USING FINITE ELEMENT METHODS	S. SELAMET M. GARLOCK	USA
29	EXPERIMENTAL – NUMERICAL STUDY ON THE BEHAVIOUR OF STEEL COLUMNS PROTECTED WITH EXPANDED CLAY CONCRETE BOARDS	J. P. C. RODRIGUES L. LAÍM A. M. CORREIA	PORTUGAL
30	STRENGTHENING OF HISTORIC MASONRY WALLS BY STEEL COMPOSITE MATERIAL SRP/SRG	R. CAPOZUCCA M. CURZI	ITALY
31	TRANSVERSE LOAD CARRYING CAPACITY OF SINUSOIDALLY CORRUGATED STEEL WEBS WITH WEB OPENINGS	G. KIYMAZ E. COSKUN E. SECKIN C. COSGUN	TURKEY
32	A STEEL FRAME CONNECTION: I-BEAM TO SHS-COLUMN BY BOLTED T-STUB	K. YEMEZ G. ALTAY	TURKEY
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34	EVALUATION THROUGH CONSISTING OF COMPONENT MARKET FOR COLD FORMED STEEL FRAMING SYSTEM IN THE FIELD OF LOW-RISE RESIDENTIALS IN TURKEY	S. G. YILDIRIM	TURKEY
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42	NEW DESIGN CURVES FOR LT- AND TF-BUCKLING CONSISTENT DERIVATION AND CODE-CONFORM FORMULATION	R. GREINER A. TARAS	AUSTRIA
43	FINITE ELEMENT MODELLING OF A THREE-DIMENSIONAL SEMI-RIGID COMPOSITE JOINT	R. GOÑI B. GIL E. BAYO	SPAIN
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45	DAMAGE DETECTION AND ST-ID OF BEAM-TYPE STRUCTURES	M. C. YUCEL A. TURER	TURKEY
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48	THE INTERACTION OF SUSTAINABLE BUILDING ON SOCIETY, ENVIRONMENT AND ECONOMY OF NORTH CYPRUS	A. AFSHARGHOTLI M. CELIKAG	N.CYPRUS
49	REHABILITATION OF FATIGUE LOADED STEEL STRUCTURES BY HIGH FREQUENCY HAMMER PEENING	I. WEICH, T. UMMENHOFER P. KNOEDEL	GERMANY

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50	FIRE RESISTANCE OF PERFOBOND CONNECTORS	J. P. C. RODRIGUES L. F. C. NEVES L. LAIM	PORTUGAL
51	ASSESSMENT OF A STEEL-USED SOLUTION FOR THE REHABILITATION OF A HISTORICAL PALACE	F. ARAS	TURKEY
52	EVALUATION OF STRUCTURAL SYSTEM AND THERMAL PERFORMANCE FOR A RESIDENTIAL BUILDING WITH STRUCTURAL STEEL FRAMING	H. A. BUYUKTASKIN S. F. AKSIT	TURKEY
53	SPHERICAL AND ELASTOMERIC BEARINGS WITH COMPRESSION AND UPLIFT FORCES	G. HANSWILLE M. PORSCH C. USTUNDAG	GERMANY GERMANY TURKEY
54	PERORMANCE BASED EVALUATION OF A MASONRY BUILDING OF WALLS STRENGTHENED OF STEEL SHEATHING	A. DOGARIU D. DUBINA	ROMANIA
55	NUMERICAL AND EXPERIMENTAL STUDY OF THE FATIGUE STRENGTH OF BRIDGE GIRDERS WITH FLANGE THICKNESS TRANSITIONS	A. TARAS R. GREINER J. LINDER	AUSTRIA
56	IMPROVED TWCF SYSTEM FOR INDUSTRIAL BUILDINGS	M. GEORGESCU V. UNGUREANU	ROMANIA
57	SUSTAINABLE SINGLE FAMILY HOUSE - CASE STUDY	D.DUBINA V. UNGUREANU A. CIUTINA I. TUCA M. MUTIU	ROMANIA
58	EXPERIMENTAL AND ANALYTICAL STUDY ON RETROFITTING RC FRAMES BY KNEE BRACING	K. TASKIN N. YARDIMCI H.F. KARADOGAN C. YORGUN	TURKEY
59	LEARNING FROM THE EVIDENCE: LESSONS ABOUT STEEL AND WELDING 16 YEARS AFTER THE NORTHRIDGE EARTHQUAKE	D. K. MILLER S.FUNDERBURK	USA
60	NUMERICAL STUDY ON THE BEHAVIOR OF STEEL COLUMNS EMBEDDED ON BRICK WALLS SUBJECTED TO FIRE	A. M. CORREIA J. P. C. RODRIGUES V.P. SILVA	PORTUGAL PORTUGAL BRAZIL
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63	CONCRETE FILLED STEEL HOLLOW COLUMNS SUBJECTED TO FIRE	T. A. C. PIRES J. P.C. RODRIGUES J. J. R. SILVA A. M. CORREIA	PORTUGAL BRAZIL
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65	SHEAR WALLS WITH COLD-FORMED STEEL FRAMING AND WOOD STRUCTURAL PANEL SHEATHING	K. K. CELIK T. ENGLER	USA
66	SUSTAINABILITY ASPECTS OF STEEL BASED APPLICATIONS IN REHABILITATION ENGINEERING	E. EFTHYMIU I. ZYGOMALAS O.N. COCEN C.C. BANIOPOULOS	GREECE
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70	LIFETIME ANALYSIS OF HIGHWAY COMPOSITE BRIDGE	H. GERVÁSIO L. S. SILVA	PORTUGAL
71	FEASIBILITY STUDY OF FRICTION CONNECTION IN TUBULAR TOWERS FOR WIND TURBINES	M.VELJKOVIC M. LIMAM C. HEISTERMANN C. REBELO L. S. DA SILVA	PORTUGAL
72	NEW APPROACH TOWARDS THE SUSTAINABILITY OF STEEL BUILDINGS	L. BRAGANÇA R. MATEUS	PORTUGAL
73	SUSTAINABLE STEEL SECTIONS SOLUTIONS	O. VASSART G. AXMANN L. G. CAJOT	LUXEMBOURG

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75	SIZE EFFECT ON NOMINAL STRENGTH OF CONCRETE FILLED STEEL TUBE COLUMNS	S. SENER F. C. CANER K. C. SENER	TURKEY
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77	DESIGN OF DISSIPATIVE STRUCTURES FOR INDUSTRIAL BUILDINGS LOCATED IN HIGH RISK SEISMIC ZONES	A.BAYRAM Y.TONGUC	TURKEY
78	TOSCELIK OSMANIYE PLANT STRUCTURAL STEEL CONSTRUCTION APPLICATIONS	S. KORKMAZ O. SALICI	TURKEY
79	TOTAL POTENTIAL OPTIMIZATION METHOD APPLIED TO ANALYSIS OF STRUCTURES	Y. C. TOKLU S. C. TOKLU O. ATEŞ	TURKEY
80	CE MARKING FOR STRUCTURAL STEELWORK	R. POPE	U.K.
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