

Current List of CIB W18 and INTER Papers

Technical papers presented to CIB-W18(A) are identified by a code CIB-W18(A)/a-b-c, and Technical papers presented to INTER are identified by a code INTER/a-b-c, where:

a denotes the meeting at which the paper was presented.

CIB Papers:

- 1 Princes Risborough, England; March 1973
- 2 Copenhagen, Denmark; October 1973
- 3 Delft, Netherlands; June 1974
- 4 Paris, France; February 1975
- 5 Karlsruhe, Federal Republic of Germany; October 1975
- 6 Aalborg, Denmark; June 1976
- 7 Stockholm, Sweden; February/March 1977
- 8 Brussels, Belgium; October 1977
- 9 Perth, Scotland; June 1978
- 10 Vancouver, Canada; August 1978
- 11 Vienna, Austria; March 1979
- 12 Bordeaux, France; October 1979
- 13 Otaniemi, Finland; June 1980
- 14 Warsaw, Poland; May 1981
- 15 Karlsruhe, Federal Republic of Germany; June 1982
- 16 Lillehammer, Norway; May/June 1983
- 17 Rapperswil, Switzerland; May 1984
- 18 Beit Oren, Israel; June 1985
- 19 Florence, Italy; September 1986
- 20 Dublin, Ireland; September 1987
- 21 Parksville, Canada; September 1988
- 22 Berlin, German Democratic Republic; September 1989
- 23 Lisbon, Portugal; September 1990
- 24 Oxford, United Kingdom; September 1991
- 25 Åhus, Sweden; August 1992
- 26 Athens, USA; August 1993
- 27 Sydney, Australia; July 1994
- 28 Copenhagen, Denmark; April 1995
- 29 Bordeaux, France; August 1996
- 30 Vancouver, Canada; August 1997

- 31 Savonlinna, Finland; August 1998
- 32 Graz, Austria, August 1999
- 33 Delft, The Netherlands; August 2000
- 34 Venice, Italy; August 2001
- 35 Kyoto, Japan; September 2002
- 36 Colorado, USA; August 2003
- 37 Edinburgh, Scotland; August 2004
- 38 Karlsruhe, Germany; August 2005
- 39 Florence, Italy; August 2006
- 40 Bled, Slovenia; August 2007
- 41 St. Andrews, Canada; August 2008
- 42 Dübendorf, Switzerland; August 2009
- 43 Nelson, New Zealand; August 2010
- 44 Alghero, Italy; August 2011
- 45 Växjö, Sweden; August 2012
- 46 Vancouver, Canada; August 2013

INTER Papers:

- 47 Bath, United Kingdom; August 2014
- 48 Šibenik, Croatia; August 2015
- 49 Graz, Austria; August 2016
- 50 Kyoto, Japan, August 2017
- 51 Tallinn, Estonia, August 2018
- 52 Tacoma, USA, August 2019
- 53 Online Meeting, August 2020
- 54 Online Meeting, August 2021
- 55 Bad Aibling, Germany, August 2022
- 56 Biel/Bienne Switzerland, August 2023

b denotes the subject:

- 1 Limit State Design
- 2 Timber Columns
- 3 Symbols
- 4 Plywood
- 5 Stress Grading
- 6 Stresses for Solid Timber
- 7 Timber Joints and Fasteners

- 8 Load Sharing
- 9 Duration of Load
- 10 Timber Beams
- 11 Environmental Conditions
- 12 Laminated Members
- 13 Particle and Fibre Building Boards
- 14 Trussed Rafters
- 15 Structural Stability
- 16 Fire
- 17 Statistics and Data Analysis
- 18 Glued Joints
- 19 Fracture Mechanics
- 20 Serviceability
- 21 Test Methods
- 22 Robustness
- 100 CIB Timber Code
- 101 Loading Codes
- 102 Structural Design Codes
- 103 International Standards Organisation
- 104 Joint Committee on Structural Safety
- 105 CIB Programme, Policy and Meetings
- 106 International Union of Forestry Research Organisations

c is simply a number given to the papers in the order in which they appear:

Example: CIB-W18/4-102-5 refers to paper 5 on subject 102 presented at the fourth meeting of W18.

Listed below, by subjects, are all papers that have to date been presented to W18 and INTER. When appropriate some papers are listed under more than one subject heading.

LIMIT STATE DESIGN

- 1-1-1 Limit State Design - H J Larsen
- 1-1-2 The Use of Partial Safety Factors in the New Norwegian Design Code for Timber Structures - O Brynildsen
- 1-1-3 Swedish Code Revision Concerning Timber Structures - B Noren
- 1-1-4 Working Stresses Report to British Standards Institution Committee BLCP/17/2
- 6-1-1 On the Application of the Uncertainty Theoretical Methods for the Definition of the Fundamental Concepts of Structural Safety - K Skov and O Ditlevsen
- 11-1-1 Safety Design of Timber Structures - H J Larsen
- 18-1-1 Notes on the Development of a UK Limit States Design Code for Timber - A R Fewell and C B Pierce
- 18-1-2 Eurocode 5, Timber Structures - H J Larsen
- 19-1-1 Duration of Load Effects and Reliability Based Design (Single Member) - R O Foschi and Z C Yao
- 21-102-1 Research Activities Towards a New GDR Timber Design Code Based on Limit States Design - W Rug and M Badstube
- 22-1-1 Reliability-Theoretical Investigation into Timber Components Proposal for a Supplement of the Design Concept - M Badstube, W Rug and R Plessow
- 23-1-1 Some Remarks about the Safety of Timber Structures - J Kuipers
- 23-1-2 Reliability of Wood Structural Elements: A Probabilistic Method to Eurocode 5 Calibration - F Rouger, N Lheritier, P Racher and M Fogli
- 31-1-1 A Limit States Design Approach to Timber Framed Walls - C J Mettem, R Bainbridge and J A Gordon
- 32 -1-1 Determination of Partial Coefficients and Modification Factors- H J Larsen, S Svensson and S Thelandersson
- 32 -1-2 Design by Testing of Structural Timber Components - V Enjily and L Whale
- 33-1-1 Aspects on Reliability Calibration of Safety Factors for Timber Structures – S Svensson and S Thelandersson
- 33-1-2 Sensitivity studies on the reliability of timber structures – A Ranta-Maunus, M Fonselius, J Kurkela and T Toratti
- 41-1-1 On the Role of Stiffness Properties for Ultimate Limit State Design of Slender Columns– J Köhler, A Frangi, R Steiger
- 53 - 1 - 1 Review of the Reliability of Timber Structures in the 2020s - R Jockwer, G Fink, J Köhler

TIMBER COLUMNS

- 2-2-1 The Design of Solid Timber Columns - H J Larsen
- 3-2-1 The Design of Built-Up Timber Columns - H J Larsen
- 4-2-1 Tests with Centrally Loaded Timber Columns - H J Larsen and S S Pedersen
- 4-2-2 Lateral-Torsional Buckling of Eccentrically Loaded Timber Columns- B Johansson

- 5-9-1 Strength of a Wood Column in Combined Compression and Bending with Respect to Creep - B Källsner and B Norén
- 5-100-1 Design of Solid Timber Columns (First Draft) - H J Larsen
- 6-100-1 Comments on Document 5-100-1, Design of Solid Timber Columns - H J Larsen and E Theilgaard
- 6-2-1 Lattice Columns - H J Larsen
- 6-2-2 A Mathematical Basis for Design Aids for Timber Columns - H J Burgess
- 6-2-3 Comparison of Larsen and Perry Formulas for Solid Timber Columns- H J Burgess
- 7-2-1 Lateral Bracing of Timber Struts - J A Simon
- 8-15-1 Laterally Loaded Timber Columns: Tests and Theory - H J Larsen
- 17-2-1 Model for Timber Strength under Axial Load and Moment - T Poutanen
- 18-2-1 Column Design Methods for Timber Engineering - A H Buchanan, K C Johns, B Madsen
- 19-2-1 Creep Buckling Strength of Timber Beams and Columns - R H Leicester
- 19-12-2 Strength Model for Glulam Columns - H J Blaß
- 20-2-1 Lateral Buckling Theory for Rectangular Section Deep Beam-Columns- H J Burgess
- 20-2-2 Design of Timber Columns - H J Blaß
- 21-2-1 Format for Buckling Strength - R H Leicester
- 21-2-2 Beam-Column Formulae for Design Codes - R H Leicester
- 21-15-1 Rectangular Section Deep Beam - Columns with Continuous Lateral Restraint - H J Burgess
- 21-15-2 Buckling Modes and Permissible Axial Loads for Continuously Braced Columns - H J Burgess
- 21-15-3 Simple Approaches for Column Bracing Calculations - H J Burgess
- 21-15-4 Calculations for Discrete Column Restraints - H J Burgess
- 22-2-1 Buckling and Reliability Checking of Timber Columns - S Huang, P M Yu and J Y Hong
- 22-2-2 Proposal for the Design of Compressed Timber Members by Adopting the Second-Order Stress Theory - P Kaiser
- 30-2-1 Beam-Column Formula for Specific Truss Applications - W Lau, F Lam and J D Barrett
- 31-2-1 Deformation and Stability of Columns of Viscoelastic Material Wood - P Becker and K Rautenstrauch
- 34-2-1 Long-Term Experiments with Columns: Results and Possible Consequences on Column
- 34-2-2 Proposal for Compressive Member Design Based on Long-Term Simulation Studies – P Becker, K Rautenstrauch
- 35-2-1 Computer Simulations on the Reliability of Timber Columns Regarding Hygrothermal Effects- R Hartnack, K-U Schober, K Rautenstrauch
- 36-2-1 The Reliability of Timber Columns Based on Stochastic Principles - K Rautenstrauch, R Hartnack
- 38-2-1 Long-term Load Bearing of Wooden Columns Influenced by Climate – View on Code - R Hartnack, K Rautenstrauch

- 45-2-1 Design of Timber Columns Based on 2nd Order Structural Analysis - M Theiler, A Frangi, R Steiger
- 48-2-1 Proposal of a Eurocode-based Method for the Buckling Design of Timber Log-walls - C Bedon, M Fragiaco, C Amadio
- 48-2-2 Design of Timber Members Subjected to Axial Compression or Combined Axial Compression and Bending Based on 2nd Order Theory - A Frangi, M Theiler, R Steiger
- 54-2-1 Buckling of Slender Timber Beam-Columns under Combined Loading, Including Creep - I K Abeysekera, I Feltham, A Lawrence
- 55-2-1 In-Plane Buckling of Beech LVL Columns - J Töpler, U Kuhlmann
- 56-2-1 Comparison of CLT Buckling Strength Criteria with Experimental Results - A Narcy, D T Pham, G Forêt, A Lebé

SYMBOLS

- 3-3-1 Symbols for Structural Timber Design - J Kuipers and B Norén
- 4-3-1 Symbols for Timber Structure Design - J Kuipers and B Norén
- 28-3-1 Symbols for Timber and Wood-Based Materials - J Kuipers and B Noren

PLYWOOD

- 2-4-1 The Presentation of Structural Design Data for Plywood - L G Booth
- 3-4-1 Standard Methods of Testing for the Determination of Mechanical Properties of Plywood - J Kuipers
- 3-4-2 Bending Strength and Stiffness of Multiple Species Plywood - C K A Stieda
- 4-4-4 Standard Methods of Testing for the Determination of Mechanical Properties of Plywood - Council of Forest Industries, B.C.
- 5-4-1 The Determination of Design Stresses for Plywood in the Revision of CP 112 - L G Booth
- 5-4-2 Veneer Plywood for Construction - Quality Specifications - ISO/TC 139. Plywood, Working Group 6
- 6-4-1 The Determination of the Mechanical Properties of Plywood Containing Defects - L G Booth
- 6-4-2 Comparison of the Size and Type of Specimen and Type of Test on Plywood Bending Strength and Stiffness - C R Wilson and P Eng
- 6-4-3 Buckling Strength of Plywood: Results of Tests and Recommendations for Calculations - J Kuipers and H Ploos van Amstel
- 7-4-1 Methods of Test for the Determination of Mechanical Properties of Plywood - L G Booth, J Kuipers, B Norén, C R Wilson
- 7-4-2 Comments Received on Paper 7-4-1
- 7-4-3 The Effect of Rate of Testing Speed on the Ultimate Tensile Stress of Plywood - C R Wilson and A V Parasin
- 7-4-4 Comparison of the Effect of Specimen Size on the Flexural Properties of Plywood Using the Pure Moment Test - C R Wilson and A V Parasin
- 8-4-1 Sampling Plywood and the Evaluation of Test Results - B Norén
- 9-4-1 Shear and Torsional Rigidity of Plywood - H J Larsen

- 9-4-2 The Evaluation of Test Data on the Strength Properties of Plywood - L G Booth
- 9-4-3 The Sampling of Plywood and the Derivation of Strength Values (Second Draft) - B Norén
- 9-4-4 On the Use of the CIB/RILEM Plywood Plate Twisting Test: a progress report - L G Booth
- 10-4-1 Buckling Strength of Plywood - J Dekker, J Kuipers and H Ploos van Amstel
- 11-4-1 Analysis of Plywood Stressed Skin Panels with Rigid or Semi-Rigid Connections- I Smith
- 11-4-2 A Comparison of Plywood Modulus of Rigidity Determined by the ASTM and RILEM CIB/3-TT Test Methods - C R Wilson and A V Parasin
- 11-4-3 Sampling of Plywood for Testing Strength - B Norén
- 12-4-1 Procedures for Analysis of Plywood Test Data and Determination of Characteristic Values Suitable for Code Presentation - C R Wilson
- 14-4-1 An Introduction to Performance Standards for Wood-base Panel Products - D H Brown
- 14-4-2 Proposal for Presenting Data on the Properties of Structural Panels - T Schmidt
- 16-4-1 Planar Shear Capacity of Plywood in Bending - C K A Stieda
- 17-4-1 Determination of Panel Shear Strength and Panel Shear Modulus of Beech-Plywood in Structural Sizes - J Ehlbeck and F Colling
- 17-4-2 Ultimate Strength of Plywood Webs - R H Leicester and L Pham
- 20-4-1 Considerations of Reliability - Based Design for Structural Composite Products - M R O'Halloran, J A Johnson, E G Elias and T P Cunningham
- 21-4-1 Modelling for Prediction of Strength of Veneer Having Knots - Y Hirashima
- 22-4-1 Scientific Research into Plywood and Plywood Building Constructions the Results and Findings of which are Incorporated into Construction Standard Specifications of the USSR - I M Guskov
- 22-4-2 Evaluation of Characteristic values for Wood-Based Sheet Materials - E G Elias
- 24-4-1 APA Structural-Use Design Values: An Update to Panel Design Capacities - A L Kuchar, E G Elias, B Yeh and M R O'Halloran

STRESS GRADING

- 1-5-1 Quality Specifications for Sawn Timber and Precision Timber - Norwegian Standard NS 3080
- 1-5-2 Specification for Timber Grades for Structural Use - British Standard BS 4978
- 4-5-1 Draft Proposal for an International Standard for Stress Grading Coniferous Sawn Softwood - ECE Timber Committee
- 16-5-1 Grading Errors in Practice - B Thunell
- 16-5-2 On the Effect of Measurement Errors when Grading Structural Timber- L Nordberg and B Thunell
- 19-5-1 Stress-Grading by ECE Standards of Italian-Grown Douglas-Fir Dimension Lumber from Young Thinnings - L Uzielli

- 19-5-2 Structural Softwood from Afforestation Regions in Western Norway - R Lackner
- 21-5-1 Non-Destructive Test by Frequency of Full Size Timber for Grading - T Nakai
- 22-5-1 Fundamental Vibration Frequency as a Parameter for Grading Sawn Timber - T Nakai, T Tanaka and H Nagao
- 24-5-1 Influence of Stress Grading System on Length Effect Factors for Lumber Loaded in Compression - A Campos and I Smith
- 26-5-1 Structural Properties of French Grown Timber According to Various Grading Methods - F Rouger, C De Lafond and A El Quadrani
- 28-5-1 Grading Methods for Structural Timber - Principles for Approval - S Ohlsson
- 28-5-2 Relationship of Moduli of Elasticity in Tension and in Bending of Solid Timber - N Burger and P Glos
- 29-5-1 The Effect of Edge Knots on the Strength of SPF MSR Lumber - T Courchene, F Lam and J D Barrett
- 29-5-2 Determination of Moment Configuration Factors using Grading Machine Readings - T D G Canisius and T Isaksson
- 31-5-1 Influence of Varying Growth Characteristics on Stiffness Grading of Structural Timber - S Ormarsson, H Petersson, O Dahlblom and K Persson
- 31-5-2 A Comparison of In-Grade Test Procedures - R H Leicester, H Breitingner and H Fordham
- 32-5-1 Actual Possibilities of the Machine Grading of Timber - K Frühwald and A Bernasconi
- 32-5-2 Detection of Severe Timber Defects by Machine Grading - A Bernasconi, L Boström and B Schacht
- 34-5-1 Influence of Proof Loading on the Reliability of Members – F Lam, S Abayakoon, S Svensson, C Gyamfi
- 36-5-1 Settings for Strength Grading Machines – Evaluation of the Procedure according to prEN 14081, part 2 - C Bengtsson, M Fonselius
- 36-5-2 A Probabilistic Approach to Cost Optimal Timber Grading - J Köhler, M H Faber
- 36-7-11 Reliability of Timber Structures, Theory and Dowel-Type Connection Failures - A Ranta-Maunus, A Kevarinmäki
- 38-5-1 Are Wind-Induced Compression Failures Grading Relevant - M Arnold, R Steiger
- 39-5-1 A Discussion on the Control of Grading Machine Settings – Current Approach, Potential and Outlook - J Köhler, R Steiger
- 39-5-2 Tensile Proof Loading to Assure Quality of Finger-Jointed Structural timber - R Katzengruber, G Jeitler, G Schickhofer
- 40-5-1 Development of Grading Rules for Re-Cycled Timber Used in Structural Applications - K Crews
- 40-5-2 The Efficient Control of Grading Machine Settings - M Sandomeer, J Köhler, P Linsenmann
- 41-5-1 Probabilistic Output Control for Structural Timber - Fundamental Model Approach – M K Sandomeer, J Köhler, M H Faber

- 42-5-1 Machine Strength Grading – a New Method for Derivation of Settings - R Ziethén, C Bengtsson
- 43-5-1 Quality Control Methods - Application to Acceptance Criteria for a Batch of Timber - F Rouger
- 43-5-2 Influence of Origin and Grading Principles on the Engineering Properties of European Timber - P Stapel, J W v. d. Kuilen, A Rais
- 44-5-1 Assessment of Different Knot-Indicators to Predict Strength and Stiffness Properties of Timber Boards - G Fink, M Deublein, J Köhler
- 44-5-2 Adaptive Production Settings Method for Strength Grading - G Turk, A Ranta-Maunus
- 44-5-3 Initial Settings for Machine Strength Graded Structural Timber - R Ziethén, C Bengtsson
- 45-5-1 Harmonised Tensile Strength Classes - J K Denzler
- 45-5-2 Visual Strength Grading in Europe - P Stapel, J W G van de Kuilen, O Strehl
- 47-5-1 Strength Grading of Split Glulam Beams - J Viguier, J-F Boquet, J Dopeux, L Bléron, F Dubois, S Aubert
- 49-5-1 Strength Grading of European Beech Lamellas for the Production of GLT and CLT - T Ehrhart, G Fink , R Steiger, A Frangi
- 50-5-1 Assignment of Timber to Bending and Tension Strength Classes - Effects of Calculation Procedures - P Stapel, A Kovryga, J W G van de Kuilen

STRESSES FOR SOLID TIMBER

- 4-6-1 Derivation of Grade Stresses for Timber in the UK - W T Curry
- 5-6-1 Standard Methods of Test for Determining some Physical and Mechanical Properties of Timber in Structural Sizes - W T Curry
- 5-6-2 The Description of Timber Strength Data - J R Tory
- 5-6-3 Stresses for EC1 and EC2 Stress Grades - J R Tory
- 6-6-1 Standard Methods of Test for the Determination of some Physical and Mechanical Properties of Timber in Structural Sizes (third draft) - W T Curry
- 7-6-1 Strength and Long-term Behaviour of Lumber and Glued Laminated Timber under Torsion Loads - K Möhler
- 9-6-1 Classification of Structural Timber - H J Larsen
- 9-6-2 Code Rules for Tension Perpendicular to Grain - H J Larsen
- 9-6-3 Tension at an Angle to the Grain - K Möhler
- 9-6-4 Consideration of Combined Stresses for Lumber and Glued Laminated Timber - K Möhler
- 11-6-1 Evaluation of Lumber Properties in the United States - W L Galligan and J H Haskell
- 11-6-2 Stresses Perpendicular to Grain - K Möhler
- 11-6-3 Consideration of Combined Stresses for Lumber and Glued Laminated Timber (addition to Paper CIB-W18/9-6-4) - K Möhler
- 12-6-1 Strength Classifications for Timber Engineering Codes - R H Leicester and W G Keating
- 12-6-2 Strength Classes for British Standard BS 5268 - J R Tory

- 13-6-1 Strength Classes for the CIB Code - J R Tory
- 13-6-2 Consideration of Size Effects and Longitudinal Shear Strength for Uncracked Beams - R O Foschi and J D Barrett
- 13-6-3 Consideration of Shear Strength on End-Cracked Beams - J D Barrett and R O Foschi
- 15-6-1 Characteristic Strength Values for the ECE Standard for Timber - J G Sunley
- 16-6-1 Size Factors for Timber Bending and Tension Stresses - A R Fewell
- 16-6-2 Strength Classes for International Codes - A R Fewell and J G Sunley
- 17-6-1 The Determination of Grade Stresses from Characteristic Stresses for BS 5268: Part 2 - A R Fewell
- 17-6-2 The Determination of Softwood Strength Properties for Grades, Strength Classes and Laminated Timber for BS 5268: Part 2 - A R Fewell
- 18-6-1 Comment on Papers: 18-6-2 and 18-6-3 - R H Leicester
- 18-6-2 Configuration Factors for the Bending Strength of Timber - R H Leicester
- 18-6-3 Notes on Sampling Factors for Characteristic Values - R H Leicester
- 18-6-4 Size Effects in Timber Explained by a Modified Weakest Link Theory- B Madsen and A H Buchanan
- 18-6-5 Placement and Selection of Growth Defects in Test Specimens - H Riberholt
- 18-6-6 Partial Safety-Coefficients for the Load-Carrying Capacity of Timber Structures - B Norén and J-O Nylander
- 19-6-1 Effect of Age and/or Load on Timber Strength - J Kuipers
- 19-6-2 Confidence in Estimates of Characteristic Values - R H Leicester
- 19-6-3 Fracture Toughness of Wood - Mode I - K Wright and M Fonselius
- 19-6-4 Fracture Toughness of Pine - Mode II - K Wright
- 19-6-5 Drying Stresses in Round Timber - A Ranta-Maunus
- 19-6-6 A Dynamic Method for Determining Elastic Properties of Wood - R Görlacher
- 20-6-1 A Comparative Investigation of the Engineering Properties of "Whitewoods" Imported to Israel from Various Origins - U Korin
- 20-6-2 Effects of Yield Class, Tree Section, Forest and Size on Strength of Home Grown Sitka Spruce - V Picardo
- 20-6-3 Determination of Shear Strength and Strength Perpendicular to Grain - H J Larsen
- 21-6-1 Draft Australian Standard: Methods for Evaluation of Strength and Stiffness of Graded Timber - R H Leicester
- 21-6-2 The Determination of Characteristic Strength Values for Stress Grades of Structural Timber. Part 1 - A R Fewell and P Glos
- 21-6-3 Shear Strength in Bending of Timber - U Korin
- 22-6-1 Size Effects and Property Relationships for Canadian 2-inch Dimension Lumber - J D Barrett and H Griffin
- 22-6-2 Moisture Content Adjustments for In-Grade Data - J D Barrett and W Lau

- 22-6-3 A Discussion of Lumber Property Relationships in Eurocode 5 - D W Green and D E Kretschmann
- 22-6-4 Effect of Wood Preservatives on the Strength Properties of Wood - F Ronai
- 23-6-1 Timber in Compression Perpendicular to Grain - U Korin
- 24-6-1 Discussion of the Failure Criterion for Combined Bending and Compression - T A C M van der Put
- 24-6-3 Effect of Within Member Variability on Bending Strength of Structural Timber - I Czmochn, S Thelandersson and H J Larsen
- 24-6-4 Protection of Structural Timber Against Fungal Attack Requirements and Testing- K Jaworska, M Rylko and W Nozynski
- 24-6-5 Derivation of the Characteristic Bending Strength of Solid Timber According to CEN-Document prEN 384 - A J M Leijten
- 25-6-1 Moment Configuration Factors for Simple Beams- T D G Canisius
- 25-6-3 Bearing Capacity of Timber - U Korin
- 25-6-4 On Design Criteria for Tension Perpendicular to Grain - H Petersson
- 25-6-5 Size Effects in Visually Graded Softwood Structural Lumber - J D Barrett, F Lam and W Lau
- 26-6-1 Discussion and Proposal of a General Failure Criterion for Wood -T A C M van der Put
- 27-6-1 Development of the "Critical Bearing": Design Clause in CSA-086.1 - C Lum and E Karacabeyli
- 27-6-2 Size Effects in Timber: Novelty Never Ends - F Rouger and T Fewell
- 27-6-3 Comparison of Full-Size Sugi (*Cryptomeria japonica* D.Don) Structural Performance in Bending of Round Timber, Two Surfaces Sawn Timber and Square Sawn Timber - T Nakai, H Nagao and T Tanaka
- 28-6-1 Shear Strength of Canadian Softwood Structural Lumber - F Lam, H Yee and J D Barrett
- 28-6-2 Shear Strength of Douglas Fir Timbers - B Madsen
- 28-6-3 On the Influence of the Loading Head Profiles on Determined Bending Strength - L Muszyński and R Szukala
- 28-6-4 Effect of Test Standard, Length and Load Configuration on Bending Strength of Structural Timber- T Isaksson and S Thelandersson
- 28-6-5 Grading Machine Readings and their Use in the Calculation of Moment Configuration Factors - T Canisius, T Isaksson and S Thelandersson
- 28-6-6 End Conditions for Tension Testing of Solid Timber Perpendicular to Grain - T Canisius
- 29-6-1 Effect of Size on Tensile Strength of Timber - N Burger and P Glos
- 29-6-2 Equivalence of In-Grade Testing Standards - R H Leicester, H O Breitingner and H F Fordham
- 30-6-1 Strength Relationships in Structural Timber Subjected to Bending and Tension - N Burger and P Glos
- 30-6-2 Characteristic Design Stresses in Tension for Radiata Pine Grown in Canterbury - A Tsehaye, J C F Walker and A H Buchanan
- 30-6-3 Timber as a Natural Composite: Explanation of Some Peculiarities in the Mechanical Behaviour - E Gehri

- 31-6-1 Length and Moment Configuration Factors - T Isaksson
- 31-6-2 Tensile Strength Perpendicular to Grain According to EN 1193 - H J Blaß and M Schmid
- 31-6-3 Strength of Small Diameter Round Timber - A Ranta-Maunus, U Saarelainen and H Boren
- 31-6-4 Compression Strength Perpendicular to Grain of Structural Timber and Glulam - L Damkilde, P Hoffmeyer and T N Pedersen
- 31-6-5 Bearing Strength of Timber Beams - R H Leicester, H Fordham and H Breitingner
- 32-6-1 Development of High-Resistance Glued Robinia Products and an Attempt to Assign Such Products to the European System of Strength Classes - G Schickhofer and B Obermayr
- 32-6-2 Length and Load Configuration Effects in the Code Format - T Isaksson
- 32-6-3 Length Effect on the Tensile Strength of Truss Chord Members - F Lam
- 32-6-4 Tensile Strength Perpendicular to Grain of Glued Laminated Timber - H J Blaß and M Schmid
- 32-6-5 On the Reliability-based Strength Adjustment Factors for Timber Design - T D G Canisius
- 34-6-1 Material Strength Properties for Canadian Species Used in Japanese Post and Beam Construction - J D Barrett, F Lam, S Nakajima
- 35-6-1 Evaluation of Different Size Effect Models for Tension Perpendicular to Grain Design - S Aicher, G Dill-Langer
- 35-6-2 Tensile Strength of Glulam Perpendicular to Grain - Effects of Moisture Gradients - J Jönsson, S Thelandersson
- 36-6-1 Characteristic Shear Strength Values Based on Tests According to EN 1193 - P Glos, J Denzler
- 37-6-1 Tensile Strength of Nordic Birch - K H Solli
- 37-6-2 Effect of Test Piece Orientation on Characteristic Bending Strength of Structural Timber - P Glos, J K Denzler
- 37-6-3 Strength and Stiffness Behaviour of Beech Laminations for High Strength Glulam - P Glos, J K Denzler, P W Linsenmann
- 37-6-4 A Review of Existing Standards Related to Calculation of Characteristic Values of Timber - F Rouger
- 37-6-5 Influence of the Rolling-Shear Modulus on the Strength and Stiffness of Structural Bonded Timber Elements - P Fellmoser, H J Blass
- 38-6-1 Design Specifications for Notched Beams in AS:1720 - R H Leicester
- 38-6-2 Characteristic Bending Strength of Beech Glulam - H J Blaß, M Frese
- 38-6-3 Shear Strength of Glued Laminated Timber - H Klapp, H Brüninghoff
- 39-6-1 Allocation of Central European hardwoods into EN 1912 - P Glos, J K Denzler
- 39-6-2 Revisiting EN 338 and EN 384 Basics and Procedures - R Steiger, M Arnold, M Fontana
- 40-6-1 Bearing Strength Perpendicular to the Grain of Locally Loaded Timber Blocks - A J M Leijten, J C M Schoenmakers
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- 55-10-1 Proposed Design Approach for Lateral Stability of Timber Beams - G Doudak, M Mohareb, Yang Du

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- 38-11-2 Consideration of Moisture Exposure of Timber Structures as an Action - M Häglund, S Thelandersson
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- 8-12-1 Testing of Big Glulam Timber Beams - H Kolb and P Frech
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- 8-12-3 Glulam Standard Part 1: Glued Timber Structures; Requirements for Timber (Second Draft)
- 9-12-1 Experiments to Provide for Elevated Forces at the Supports of Wooden Beams with Particular Regard to Shearing Stresses and Long-Term Loadings - F Wassipaul and R Lackner
- 9-12-2 Two Laminated Timber Arch Railway Bridges Built in Perth in 1849 - L G Booth
- 9-6-4 Consideration of Combined Stresses for Lumber and Glued Laminated Timber - K Möhler
- 11-6-3 Consideration of Combined Stresses for Lumber and Glued Laminated Timber (addition to Paper CIB-W18/9-6-4) - K Möhler
- 12-12-1 Glulam Standard Part 2: Glued Timber Structures; Rating (3rd draft)
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- 14-12-3 Double Tapered Curved Glulam Beams - H Riberholt
- 14-12-4 Comment on CIB-W18/14-12-3 - E Gehri
- 18-12-1 Report on European Glulam Control and Production Standard - H Riberholt
- 18-10-2 Longitudinal Shear Design of Glued Laminated Beams - R O Foschi

- 19-12-1 Strength of Glued Laminated Timber - J Ehlbeck and F Colling
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- 22-12-2 Acid Deterioration of Glulam Beams in Buildings from the Early Half of the 1960s - Preliminary summary of the research project; Overhead pictures - B A Hedlund
- 22-12-3 Experimental Investigation of normal Stress Distribution in Glue Laminated Wooden Arches - Z Mielczarek and W Chanaj
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- 27-12-1 State of the Art Report: Glulam Timber Bridge Design in the U.S. - M A Ritter and T G Williamson
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- 40-12-5 Creep and Creep-Rupture Behaviour of Structural Composite Lumber Evaluated in Accordance with ASTM D 6815 - B Yeh, T G Williamson.
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- 41-12-1 Paper withdrawn by the author
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- 41-12-3 In-Plane Shear Strength of Cross Laminated Timber - R A Joebstl, T Bogensperger, G Schickhofer
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- 51-12-1 CLT under In-Plane Loads: Investigation on Stress Distribution and Creep - M Gräfe, P Dietsch, S Winter
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- 56-12-2 Bending Properties out-of-Plane of Cross Laminated Timber (CLT): Test Experience, Model Refinement and Validation - R Brandner, A Ringhofer, R Sieder
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- 56-12-4 Elevated Shear Stresses at Corners of Rectangular Holes: a New Design Proposal - S Aicher, S Siby, C Tapia-Camu
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- 14-103-1 Comments on ISO/TC 165 N52 "Timber Structures; Solid Timber in Structural Sizes; Determination of Some Physical and Mechanical Properties"
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- 1-105-1 A Note on International Organisations Active in the Field of Utilisation of Timber - P Sonnemans
- 5-105-1 The Work and Objectives of CIB-W18-Timber Structures - J G Sunley
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- 7-106-1 Time and Moisture Effects - CIB W18/IUFRO 55.02-03 Working Party