

Jean-Pierre JASPART

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Contacts

Research focus

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Degrees	□ Civil Eng Civil Engineering Univ. Liège, Belgium 1985 □ PhD Applied Sciences Univ. Liège, Belgium 1991 □ Aggregation Applied Sciences Univ. Liège, Belgium 1997		
Key Qualifications	 Professor of Steel and Composite Structures at the University of Liège Vice-President of the ArGEnCo Department. Head of the Steel and Composite Structures Division. Director of the Materials and Structures laboratory Project Coordinator of several R&D projects involving partners from several European countries Member of the Technical Committee "Connections" (TC10) of the European Convention for Constructional Steelwork (ECCS) and chairman for years of its sub-committee TWG10.2 "Joints" Member of the Technical Committee "Stability" (TC8) of the European Convention for Constructional Steelwork (ECCS) Member of the American Structural Stability Research Council (SSRC) Member for four years of the Management Committee of the COST C1 European Action on "the semi-rigid behaviour of joints" and chairman of the Working Group 2 on "Steel and Composite Connections". Chairman for four years of the Management Committee of the COST C12 European Action on "Improvement of Building's Structural Quality by New Technologies". Member of CIDECT (Comité International pour l'Etude et le Développement de la Construction Tubulaire). Member of Parts of Eurocode 3 « Steel Structures » on column stability and structural joints Contribution to the drafting of the part of Eurocode 4 "Composite Construction" related to the design of joints. Member of the Belgian Normalisation Institute for Eurocodes 3 and 4 		
Role within Suscos consortium	 Representative of the Belgian Partner Member of the teaching staff 		

□ Steel Structures (joints | robustness | stability | HSS | Stainless steel)

Cold formed | Thin wall | Light steel

References

Description	#
Journals	63
Conferences	147
Book	22
chapters	
Books	17

Selected references (max. 10)

Books

- European recommendations for the design of simple joints.
 J.P. JASPART, J.F. DEMONCEAU, S. RENKIN et M.L. GUILLAUME
 CECM, Convention Européenne de la Construction Métallique, N° 126, 2009.
- Rules for member stability in EN 1993-1-1 Background documentation and design guidelines
 N. BOISSONNADE, R. GREINER, J.P. JASPART et J. LINDNER ECCS European Convention for Constructional Steelwork, Publ. N° 119,

Book Chapters

- Momententragfähige Anschlüsse mit oder ohne Steifen Chapter 4 of the Stahlbau-Kalender 2005 Published by Ernst&Sohn, Berlin, Germany (in collaboration with D. Ungermann, K. Weynand et B. Schmidt)
- International Journals

Brussels, 2006

- Combined distortional and overall flexural-torsional buckling of cold-formed stainless steel sections: Design
 B. ROSSI, J.P. JASPART and K. RASMUSSEN
 Journal of Structural Engineering, ASCE, 2009, Volume 136, Number 4, April 2010, pp. 354-360
- Design of composite sway building frames for global instability.
 J.F. DEMONCEAU, J.P. JASPART et R. MAQUOI
 ASCE Journal of Engineering Mechanics, American Society of Civil Engineers, Volume 131, Number 6, June 2005, pp.641-653.
- Is it safe to design a building structure with simple connections, when they are known to exhibit a semi-rigid behaviour?
 M. BRAHAM et J.P. JASPART
 - Journal of Constructional Steel Research, Volume 60, Issues 3-5, 2004, pp. 713-723.

Proceedings of Conferences

- Composite joints in robust building frames J.P. JASPART et J.F. DEMONCEAU
- "Proceedings of the International Conference Composite Construction in Steel and Concrete VI", Devil's Thumb Ranch, Colorado, U.S.A., Jul 20-24, 2008.
- First practical implementation of the component method to joints in tubular construction

K. WEYNAND, E. BUSSE et J.P. JASPART

Proceedings of the 11th International Symposium on Tubular Structures, Québec, Canada, du 21 août au 2 septembre 2006, pp. 139-145.

Resistance of joints submitted to combined axial force and bending. F. CERFONTAINE et J.P. JASPART

Proceedings of the 2005 Eurosteel Conference on Steel and Composite Structures, 8-10 juin 2005, Maastricht, The Netherlands, Volume C, pp. 4.10-229 – 4.10-236.

Teaching experience

Description	#
Years of	24
teaching	
PhD	11
supervision	
MSc	Many

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Steel structures Composite structures Structures under exceptional loading Mechanics of Materials

supervision				
Lectured	* *			
subjects		 Under-graduate teaching 	Steel / Composite Structures	
		Doot graduate tagehing	Mechanics of Materials	
		□ Post-graduate teaching	Stool / Composite Structures	
		• MSc	Steel / Composite Structures	
		PhD	Steel / Composite Structures	
		Continous Education	Steel / Composite Structures	
		the ERASMUS program. Various teaching activities universities Spain, Austria, Greece, Lectures at the International Schaegular organisation of seminar Luxembourg and France. Supervision of undergraduate standard Member of the "doctoral school Speaking Community"	ermont-Ferrand in France in the framework of ersities in Portugal, Hungary, France, Belgium, hool for Mechanics in Udine (Italy). It is and teaching for engineers in Belgium, students, master students and Ph.D. students. In civil engineering" of the "Belgian French" IS MUNDUS Master SUSCOS on "sustainable"	
International experience		39 research projects in total; mainly at the international level; funded at the regional and national levels for some, at the European or international levels for most of them (through programs as FP6 or RFCS, but also CIDECT).		
Description	#	, , ,	,	
Research	39			
projects				
Mobility	3	* See "key qualifications" and	teaching experience" before	
programmes				
Technical	2			
boards				
Conference	15			
committees	*			
Others	· *			
Cooperation with industry		 Many contacts and research act 	ivities with various enterprises in Europe	
Prizes		 Prix "Fernand de Waele 1992" d Scientifique. 	délivré par le Fonds National de la Recherche	
		□ Prix 1992 de l'Association des Ingénieurs sortis de l'Université de Liège.		
		 Prix International Gustave MAGNEL pour la biennale 1990-1992. 		
		 Prix Président Leroux 1998 de Liège. 	e l'Association des Amis de l'Université de	
Languages				
Languages		□ French English □ German	Fluent Average	