

# Associate Professor, NOVA University

## Gonçalves, Rodrigo



### Specialties:

- Analysis, Design & Computational Modelling of Steel and Steel-Concrete Structures
- Structural Stability
- Thin-Walled Members
- Generalized Beam Theory

### Qualifications & Certifications:

- Ph.D., 2007, Civil Eng., Lisbon University, Portugal
- M.Sc., 2000, Structural Engineering, Lisbon University, Portugal
- Lic., 1996, Civil Eng., Lisbon University, Portugal
- Professional Engineer No. 38289

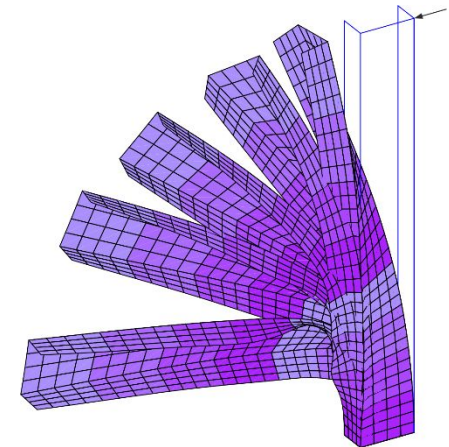
### Professional Experience:

- 20+ years as Professor and Researcher
- 2 years as Structural Engineer

**Summary:** Rodrigo Gonçalves is an Associate Professor at NOVA School of Sciences & Technology, NOVA University Lisbon, Portugal, where he is the coordinator of the Ph.D. program in Civil Engineering. He teaches also at Coimbra University, namely a course on cold-formed steel member design. He has authored 60+ papers in international scientific journals and 90+ conference papers. He received several awards, such as the 2013 Ferry Borges award, from the Portuguese Association of Structural Engineering, and the 2016 MAJR medal for junior researchers, from the Structural Stability Research Council. As a supervisor, his students have received several awards, such as two “Sarada M. and Raju A. Vinnakota” awards (SSRC) and one “Outstanding Student Scholar” award (Wei-Wen Yu Center for Cold-Formed Steel Structures). He is a member of the Generalized Beam Theory research group led by Dinar Camotim (<http://www.civil.ist.utl.pt/gbt/>) and is involved in national and international committees concerning steel and steel-concrete composite structures. As a Structural Engineer, he has participated in the design of complex steel and steel-concrete structures.

### Committees & Memberships:

- European Committee for Standardization TC 250/SC 3 Working Group 22 “EN 1993-1-14 - Design assisted by FEM”
- Portuguese Technical Commission CT 115 (Structural Eurocodes), sub-commissions 3 (Eurocode 3 – steel structures) and 4 (Eurocode 4 – steel-concrete composite structures).
- Structural Stability Research Council, vice-chair of Task Group 02
- Portuguese Association of Structural Engineering



Lateral-torsional buckling of a cantilever using geometrically exact beam finite elements allowing for cross-section distortion