

# Professor, Laval University (Canada)

## Boissonnade, Nicolas



### Specialties:

- Analysis, Design & Computational Modeling of Steel and Steel-Concrete Structures
- Structural Stability (members, plates, bridges, etc.)
- Structural Mechanics

### Qualifications & Certifications:

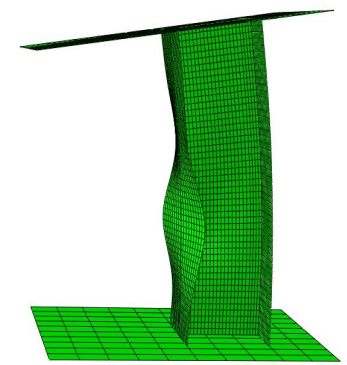
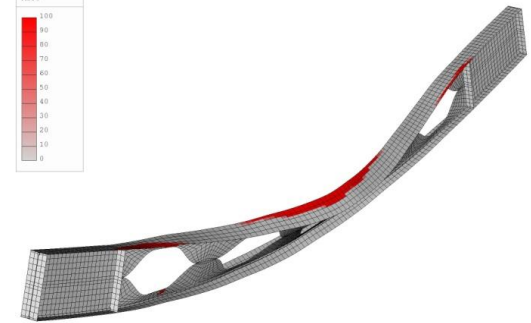
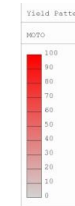
- Ph.D., 2002, CEE, Blaise Pascal University (France)
- M.S., 1999, CEE, Blaise Pascal University (France)

### Professional Experience:

- 20+ years as Professor and Researcher (across Europe and Canada)
- 2 years as Structural Engineer (Germany and Switzerland)

### Committees & Memberships:

- European Committee TC8 Stability
- SSRC Committee, executive member
- Standards Committees (Europe and Canada)
- CEISCE & REGAL research centers
- CIDECT expert (HSS design)



**Summary:** I have been an active researcher for more than 25 years in the field of Stability & Design of Steel and Composite Structures. I have participated in many large scale international research projects and remain involved in many Standards Committees. At Laval University, I lead a large research group with investigations comprising experimental, numerical, design and code aspects. In particular, our Structural Engineering lab offers world-class large scale testing facilities, including several climatic chambers for low/high temperature testing. Current projects involve various materials (steel, aluminum, composite), scales (fiber, section, members, system, bridge) and the development of the O.I.C., which stands as the next generation of advanced computer-assisted design approach.