

# Prof. Issam DOGHRI Biography

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Issam is a tenured full professor ("professeur ordinaire") at Université catholique de Louvain in Belgium. He holds a Ph.D. in Mechanics from Université Pierre et Marie Curie (Paris 6), a M.S. ("D.E.A.") in Applied Mechanics from Ecole Normale Supérieure de Cachan (France) and a M.S. ("ingénieur principal") in Civil Engineering from Ecole Nationale d'Ingénieurs de Tunis (Tunisia).

Issam was also a post-doc at University of California at Santa Barbara. He is the author of a book and more than 80 scientific papers, the advisor of several Ph.D. theses and the principal investigator of a number of funded research projects. He is regularly invited to give talks at various conferences and teach graduate-level courses in different countries.

Issam's expertise is on nonlinear mechanics of solid materials and structures, computational mechanics of materials and multi-scale modeling of heterogeneous materials in a broad sense (e.g., composites with a polymer matrix reinforced with short, long or continuous fibers).

Issam's professional experience is both in academia and industry. Indeed, he has consulted for several companies and was a member of technical staff at Centric Engineering Systems in Palo Alto, California.

In May 2003, Issam co-founded e-Xstream engineering with Dr. Roger Assaker and assumed the position of Director of R&D. The company develops the Digimat software suite for multi-scale modeling of composite materials and structures. In September 2012, it was acquired by MSC Software, which is now part of Hexagon's Manufacturing Intelligence Division.