

Issam DOGHRI Biography

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Issam is a tenured full professor at *Université catholique de Louvain*. He holds a Master in Civil Engineering from *the National Engineering School of Tunis* (“ENIT”, Tunisia), a Master in Applied Mechanics from *Ecole Normale Supérieure Paris-Saclay* (ex *E.N.S. Cachan*, France) and a Ph.D. in Mechanics from *Sorbonne Université* (ex *Université Pierre et Marie Curie- Paris 6*). Issam was also a post-doc at *University of California at Santa Barbara*. He is the author of a book and about 100 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, and his research activities are in computational mechanics of materials, with a special focus on multiscale modeling of heterogeneous materials (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. Based on his *DIGIMAT* software, Issam co-founded with Dr. Roger Assaker in May 2003 *e-Xstream engineering*, which became a world leader in multiscale modeling of composites in a broad sense. Issam was director of R&D until September 2012, when *e-Xstream* was acquired by the US company *MSC Software*, which itself became part later of *Hexagon*. He is still involved with *DIGIMAT*-related R&D activities.