
See:
https://www.monash.edu/engineering/aminheidarpour
https://scholar.google.com/citations?user=A_BLeugAAAAJ&hl=en
https://www.researchgate.net/profile/Amin_Heidarpour

Structural Engineering, Dept. of Civil Engineering
Monash University, Melbourne, Australia

Autobiography:
I am a Senior Lecturer and Head of Structures Group at Monash University. My research focus is on structural and computational mechanics, with specific application to construction materials subjected to extreme actions such as fire, impact, blast and earthquake. I am also currently the Coordinator of Engineering for Extremes in the Department.

I received my BSc (Civil) degree in 2002 with Hons 1 from Isfahan University of Technology, Iran, and received my MSc in Structural Engineering from Sharif University of Technology, Iran, in 2004. I received my PhD from the University of New South Wales (UNSW), Australia, in 2008. After receiving my PhD in 2008 till January 2011, I worked as a Research Associate at UNSW’s Centre for Infrastructure Engineering and Safety. In 2011 I moved to the preeminent research group at Monash as a lecturer and was promoted to senior lecturer in 2014.

I contribute to both undergraduate and postgraduate teaching. I am the coordinator and lecturer for Advanced Structural Analysis (CIV4234) that is mainly offered to the 4th year undergraduate students, and also Advanced Computational Methods (CIV5888/CIV6888) that is offered to Masters/PhD students.

Research Interests:
Engineering for extremes; Evaluation and rehabilitation of structures; Self-healing materials; Ultra high-strength steel; Computational mechanics; Steel and steel-concrete composite structures.
Selected Publications:
Wei Li, Ying-Zhuo Gu, Lin-Hai Han, Xiao-Ling Zhao, Rui Wang, Mohammad Nassirnia and Amin Heidarpour, “Behaviour of ultra-high strength steel hollow tubes subjected to low velocity lateral impact: Experiment and finite element analysis”, Thin-Walled Structures, Vol. 134, pp 524-536, January 2019