**Eulogy.**

I write to mark the passing of Professor Hamid Ahmadian of the Iran University of Science and Technology (IUST) on August 13th 2021. Hamid completed his PhD in Canada under the supervision of Professor Graham Gladwell, and joined my group, firstly at Swansea and then in Liverpool, in the mid-1990s.

It was a time when research on the topic of Finite Element Model Updating was at its height, and in all my experience of the subject and all the researchers I met around the world, I regard Hamid’s contribution as one of the most imaginative and impressive.

He developed a completely new approach to the problem of calibrating engineering mathematical models by breaking them down into elementary parts, which he called *generic elements*. It turned out to be not only very elegant in the theoretical detail, but also eminently practical, especially in the treatment of complicated joints in mechanical systems.

On his return to Iran, Hamid continued to produce research of the highest quality, especially in understanding the complicated and usually nonlinear dynamic behaviour of mechanical joints.

He was a generous researcher and teacher, and it was to my benefit that many of his students were sent to work as PhDs and post-docs in Liverpool. Hamid was a man of great personal integrity, and in addition to numerous greatly-valued scientific conversations, I learned many things about the culture of Persia and its people from him.

John E Mottershead

*Editor-in-Chief*