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CAA Professor In Mathematical Modelling
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Professor Galea has worked in fire safety research since 1985. His work in fire safety engineering began with the development of a CFD based fire model describing the Manchester B737 fire. Since then, it has expanded to include the modelling of evacuation, people movement, fire/smoke spread, combustion and fire extinguishment. In addition to aviation, Professor Galea's work is applied to applications in the built environment, rail and marine environments.

Professor Galea is the author of over 100 academic and professional publications concerning fire and related topics. His aviation related research and consultancy activities have been supported by organisations such as, the UK CAA, Airbus, British Aerospace, European Space Agency, DaimlerChrysler Aerospace, FAA, Boeing, NTSB, Bombardier., EU, and EPSRC.

Professor Galea is the founder of the Fire Safety Engineering Group at the University of Greenwich. He serves on a number of national and international standards and safety committees including BSI, ISO, IMO and SFPE.