



Jennifer X Wen

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Professor Jennifer Wen is currently Professor in Energy Resilience at the School of Engineering, University of Surrey, where she leads the Fire and Explosion Modelling Group (FMEG). She established and previously led Warwick FIRE, a multidisciplinary research laboratory focused on fundamental and applied research in fire, explosions, and other safety-related reactive and non-reactive flows. Her earlier roles include positions at Computational Dynamics Limited (founding vendor of STAR-CCM), British Gas plc, South Bank University, and Kingston University London.

Jennifer is a Fellow and Chartered Engineer of the Institution of Mechanical Engineers. She serves as Vice-Chair of the International Association for Fire Safety Science (IAFSS) and chairs its “Research and Education” Working Group. Her research addresses safety issues in low-carbon technologies, including hydrogen, electric vehicles, energy-efficient buildings, carbon capture and storage, and liquefied natural gas. She has co-authored over 400 journal and conference papers.

She is a member of the scientific committee for the International Conferences on Hydrogen Safety and has served as Lead Guest Editor for three special issues on hydrogen safety in the International Journal of Hydrogen Energy (IJHE), continuing as Guest Editor for the biennial series. Jennifer also leads Task Force 3 “Data Collection and Assessment” for the European Hydrogen Safety Panel (EHSP), established by the Fuel Cell and Hydrogen Joint Undertaking of the European Commission.