



Raffaella Ocone
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"Engineering the Future"

Raffaella Ocone obtained her first degree in Chemical Engineering from the Università di Napoli in Italy and her MA and PhD in Chemical Engineering from Princeton University in the US. She holds the Chair of Chemical Engineering in the School of Engineering and Physical Sciences at Heriot-Watt University (HWU) since 1995. She is a Fellow of the Royal Academy of Engineering, the Royal Society of Edinburgh, the Institution of Chemical Engineers, and the Royal Society of Chemistry. In 2007 she was conferred the title of Cavaliere (Knight) of the Order of the Star of Italian Solidarity from the Italian Republic. In The Queen's 2019 New Year Honours she was appointed OBE for services to engineering.

At HWU, she is the Head of the Multiphase Multiscale Engineering Modelling (MMEM) research group. Raffaella has worked in a number of highly recognised international Institutions such as the Università di Napoli (Italy); Claude Bérnard Université, Lyon (France); Louisiana State University (US); Princeton University (US). She was the "Caroline Herschel Visiting Professor" at Ruhr Universität Bochum in Germany (July-November 2017) and the recipient of a Visiting Research Fellowship from the Institute for Advanced Studies at the Università di Bologna in Italy (March-April 2018). Raffaella's main area of research is in the field of modelling complex (multi-phase) reactive systems and she is the EPSRC Established Career Fellow in Particle Technology. Raffaella has taken a leading role in debating the role that ethics plays in engineering and is committed to make engineering more attractive to young people (especially young women).