



Royal
Astronomical
Society

RAS Honorary Fellowship (A) - Professor Francesca Matteucci

Professor Francesca Matteucci is awarded an RAS Honorary Fellowship for her leadership in scientific research, and of astronomical institutions, her significant community service, and her long-term and continuing dedication to mentoring young students and postdoctoral fellows, in particular the promotion of women. Professor Matteucci is a highly respected and prolific world leader in the fields of chemical evolution of galaxies, chemical enrichment of intra-cluster and intergalactic media, supernovae, and stellar evolution. With more than 370 highly cited, refereed papers, and some 300 invited talks at international conferences, Professor Matteucci's work is both prolific and influential. Her work has strongly influenced the fields of galaxy evolution and cosmology, galactic archaeology, and gravitational waves. In particular, Professor Matteucci's work has been instrumental in explaining how elements are produced, recycled within galaxies, and distributed into the intergalactic medium. Her seminal work on the chemical enrichment of interstellar gas by both type I and type II supernovae (1986) defined the field of chemical evolution. Professor Matteucci is a dedicated teacher and mentor of young scientists, many of whom have continued on to significant careers of their own. Professor Matteucci has also invested significant time and energy in service to the international astronomical community, including the management of astronomical institutions, organising many conferences, and taking on multiple community service roles during her long and prestigious career.

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