

Biographical Sketch: Charles J. Farrugia

Education: *Undergraduate:* University of Malta, Europe, B.S. in Physics and Math, 1966. *Graduate:* University of Bern, Switzerland, MS. in Physics, 1978. *Graduate:* University of London, England, Dip. Educ., 1982. *Graduate:* University of Bern, Switzerland, Dr. Phil. Nat. in Space Physics, 1984. *Post-doctoral:* Fellow of the European Space Agency (held at Imperial College, London, UK, 1984-1986).

Research Interests: (a) Signatures and evolution of solar ejecta in the interplanetary medium; (b) Interaction of magnetic clouds with the terrestrial magnetosheath and magnetosphere; (c) Magnetosphere – ionosphere coupling. (d) Magnetosheath and ICME-sheath physics.

On these topics he has given ~40 invited presentations.

Dr Farrugia is Co-I on STEREO/PLASTIC and UNH PI on Wind.

Experience: *Research Professor*, University of New Hampshire (UNH), 2010-present. *Associate Research Professor*, UNH, March 2002 - 2010. *Research Scientist III*, UNH, April 1996 - March 2002. *Senior Lecturer in Pedagogy and Didactics of Physics*, University of Malta, Europe, 1993-1996. *Research Scientist*, Laboratory for Extraterrestrial Physics, NASA Goddard Space Flight Center, Greenbelt, MD 1990-1993. *Research Associate*, Space and Atmospheric Physics Group, Imperial College, University of London, UK 1986-1990. *High School Teacher*, later *Head of Physics*, Naxxar Technical School, Malta, 1966-1974.

Educational Outreach and Conference Organization: Dr Farrugia has been very active in educational outreach and in conference organizations. He has published several papers with undergraduates and graduates. At UNH he lectured on fluid mechanics, magnetospheric physics and space plasma physics.

Advisees: 1. Undergraduates: **Maximillian Grech** [B. Educ. (Hons); University of Malta] **Stefan Mühlbacher** [Diploma Thesis, Karl Franzens Universität, Graz, Austria; PhD thesis] **Martin Leitner** [Diploma Thesis, Karl Franzens Universität, Graz, Austria; PhD (current)] 2. Graduates: **Laurence Janoo** [PhD, UNH] **Dieter F. Vogl** [PhD Thesis, Karl Franzens Universität, Graz, Austria] **Julia E. Contin** [PhD Thesis, Instituto de Física del Plasma, CONICET, University of Buenos Aires] **Sergio Dasso** [PhD Thesis, Instituto de Física del Plasma, CONICET, University of Buenos Aires] **Christian Moestl** [PhD, Austrian Academy of Sciences, 2009], **Brendan Harris** [Master's, UNH 2011], **Wenyuan Yu** [PhD, UNH 2017], **Fathima Muzamil** [PhD, UNH 2017],

Publications: ~420; H index 49 (Google scholar)