Antony Fraser-Smith
Professor (Research) of Electrical Engineering and of Geophysics, Emeritus

Bio

Fraser-Smith's research focuses on the use of low frequency electromagnetic fields, both as a means of probing (1) the interior of the earth, and (2) the space environment near the earth, as well as for communicating with, and detecting, objects submerged in the sea or buried in the earth, and for detecting changes taking place in the Earth and the near-Earth space environment.

ACADEMIC APPOINTMENTS
• Professor Emeritus, Electrical Engineering

ADMINISTRATIVE APPOINTMENTS
• Associate Chair, Department of Electrical Engineering, (1996-2000)

HONORS AND AWARDS
• Antarctica Service Medal of the United States, United States (1984)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS
• Fellow, Institute of Physics, London (1969 - present)
• Fellow, Geological Society of America (1998 - present)
• Life Member, American Physical Society (1968 - present)
• Member, American Geophysical Union (1974 - present)

LINKS

Publications

PUBLICATIONS
• Single-Station Lightning Location Using Azimuth and Time of Arrival of Sferics RADIO SCIENCE
  Koochak, Z., Fraser-Smith, A.
  2020; 55 (2)
• An Update on the Centered and Eccentric Geomagnetic Dipoles and Their Poles for the Years 1980-2015 EARTH AND SPACE SCIENCE
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