

NEWSLETTER Supplement

PROFESSOR PIERRE KAUFMANN (1938-2017)

Professor Pierre Kaufmann, Coordinator of the Center for Radio Astronomy and Astrophysics Mackenzie (CRAAM) passed away on February 17, 2017. In addition to being a full professor at the Mackenzie Presbyterian University, he was also a part-time researcher at the Center for Semiconductor



Components, CCS, at Universidade Estadual de Campinas (UNICAMP), a public research university in the state of São Paulo, Brazil. Prof. Kaufmann was highly regarded Member of the Brazilian Academy of Sciences (ABC), Member of the Academy of Sciences of the State of São Paulo, Member of the Inamori Foundation Award nomination Committee, Kyoto, Japan, and associate member of the Royal Astronomical Society (UK).

Prof. Kaufmann was a founding member of the Brazilian Astronomical Society (SAB) and the Brazilian Physics Society (SBF), member of Brazilian Society for the Advancement of Science (SBPC, in Portuguese), the Brazilian Microwave and Optoelectronics Society (SBMO, in Portuguese), International Astronomical Union (IAU) and the Committee on Space Research (COSPAR). For many year Pierre was a representative of the Scientific Committee on Solar Terrestrial Physics (SCOSTEP), of the Scientific Committee on Antarctic Research (SCAR) and of the Radio Astronomy Commission of the International Union of Radio Science (URSI).

In 1960, Prof. Pierre Kaufmann founded the Group of Radio Astronomy and Astrophysics Mackenzie (GRAAM), today's CRAAM. He was responsible for the construction of most of the Brazilian Radio Observatories such as those of Ibirapuera (São Paulo), Umuarama (Campos do Jordão), Itapetinga (Atibaia), Very-long-baseline interferometry (VLBI) in Eusébio

(Fortaleza), Submillimeter Solar Telescope (Argentina), The POLarization Emission of Millimeter Activity at the Sun (POEMAS) (Argentina&Brazil), Antarctic Ionospheric Research Laboratory (Antarctica) and the Mackenzie Solar Observatory (São Paulo).

Always an innovative spirit, with wide national and international support, Pierre Kaufmann also coordinated several new projects for solar observations on the ground, and in the stratosphere and space employing THz and infrared photometers, as well as a new georeferencing system. During his career spanning more than five decades (1961-2017), Prof. Kaufmann published 204 articles and is the author of the book "La Atmosfera Solar y su Investigación através de Ondas Radioelectricas". He has also submitted seven patents, having obtained the international concession of the patent "System and Process of Geographic Positioning and Navigation". In addition, he was responsible for the training of several generations of radio astronomers having supervised 17 MSc and 7 PhD graduate students, as well as 8 Postdoctoral Fellows.

The Brazilian radio astronomy and solar physics community has lost their most prominent researcher.

(Courtesy of the CRAAM Team)