

DR. ANTONIUS OTTO

Professor of Plasma Physics, Emeritus

WHEREAS Dr. Antonius Otto served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1992 to 2014; and

WHEREAS Dr. Otto has been a highly regarded instructor during his many years of teaching courses, including magnetospheric physics, fundamentals of plasma physics, advanced plasma physics, and numerical simulations of fluids and plasmas, developing his own web textbooks for these courses; and has been a successful advisor and mentor to numerous undergraduate and graduate students; and

WHEREAS Dr. Otto conducted research in magnetospheric physics, which has led to international recognition for innovation and novel physical insights into complex space plasma processes, including a mesoscale model of Earth's magnetotail that elucidates the process of magnetic flux depletion in the near-Earth tail during the substorm growth phase; initiated research activities in comparative magnetospheres; and brought ingenuity to the long-standing problems of plasma transport and magnetic flux circulation of the magnetodiscs of the giant planets; and

WHEREAS Dr. Otto has actively served the University as a member of the steering committee that developed a master's degree in computational physics and as the leader of the Space Physics group from 2002 to 2009; and served his discipline by organizing scientific meetings and workshops;

NOW, THEREFORE, BE IT RESOLVED that the University of Alaska Fairbanks expresses its deep appreciation to Dr. Antonius Otto for his extensive contributions to the State of Alaska and to the University; and

BE IT FURTHER RESOLVED that the University of Alaska Fairbanks, in further recognition of the invaluable services rendered by Dr. Otto and as evidence of the University's desire that his identification with the University be maintained, hereby salutes the appointment of Dr. Antonius Otto as Professor of Plasma Physics, Emeritus; and

BE IT FURTHER RESOLVED that this resolution be appropriately engrossed and signed by the Chancellor of the University of Alaska Fairbanks as further evidence of the esteem and respect in which he holds Dr. Antonius Otto, and conveyed to Dr. Otto on this 10th day of May, 2015.