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国台学术报告 NAOC COLLOQUIUM

2017年 第8次 / No. 8 2017

Time: Wednesday 2:30 PM, Mar. 29th **Location: A601 NAOC**

Living with a Star

Prof. Robertus von Fay-Siebenburgen

Department of Applied Mathematics, The University of Sheffield, UK

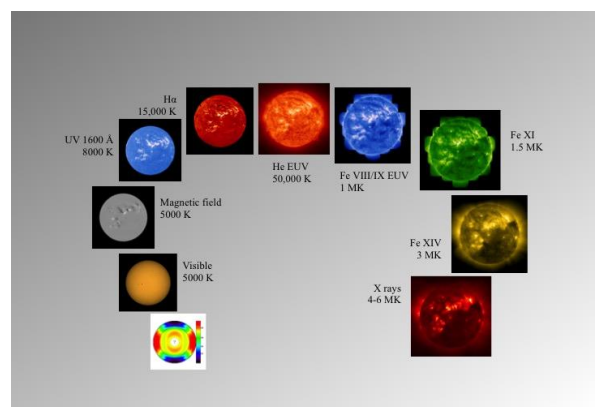


Prof. Robertus von Fay-Siebenburgen received his PhD in Applied Maths from K.U. Leuven in 1996. Then he got his CSc in Physics from Hungarian Academic of Sciences in 1997. He also was a research Fellow at Armagh Observatory from 1996 to 1997 and at St. Andrews from 1997 to 1998, respectively. After that, He moved to University of Sheffield where he was a Lecturer until 2003 when he became a Full Professor. At present, he is the head of Solar Physics & Space Plasma Research Centre and the faculty feputy director of

Research. His main research areas relate to solar MHD waves and oscillations, solar magneto-seismology, plasma heating, photovoltaic solar panels and climate modelling. He published over 200 refereed papers including 3xNature, 2xScience, and 7xSpace Science Rev and the citations are over 5000 in all.

Abstract

In this talk, we will introduce the exciting and fascinating world of plasma-astrophysics with particular applications to the solar atmosphere and its near-Earth environment: Space Weather. We will demonstrate why the Sun, being the most proxy space plasma laboratory, is so key in this technology-driven world. We will also address one of the most frightening phenomena that can threaten human civilisation and life in the Solar System: massive energetic storms determining Space Weather. Finally, I will address how the Sun can contribute to solving another great challenge facing the humanity: our endless appetite for clean and green energy.



All are welcome! Tea, coffee, biscuits will be served at 2:15 PM.