

Curriculum Vitae

Louise Kim Harra Ph.D, C. Phys

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Director of PMOD/WRC, Dorfstrasse 33, CH-7260, Davos Dorf, Switzerland

Affiliated Professor of Solar Astrophysics (ETHZ)

Date of appointment: June 2019

EDUCATION

Queens University, Belfast, N.Ireland	Oct 1990 - Aug 1993
• Ph.D Physics	Aug 1993
"Spectroscopic Diagnostics for Solar and Laboratory Plasmas"	
• BSc(Hons) Applied Maths and Physics	Jun 1990

EMPLOYMENT HISTORY

PMOD/WRC	
Director	2019 –
ETH, Zurich	
Affiliated professor of solar astrophysics	2019 –
UCL Department of Space and Climate Physics	
Mullard Space Science Laboratory, UK	
Professor of Solar Physics	2006 - 2019
Head of Solar Physics	Sep 2012 – Dec 2015
Director of the Institute for Origins	May 2007 - Oct 2012
Deputy Head of Department	Aug 2005 - Aug 2007
Director of Research	Oct 2004 - Aug 2007
Graduate tutor	Oct 2003 - Aug 2007
Reader in Solar Physics	Oct 2003 - 2006
Head of Solar and Stellar Physics	Apr 2001 - Jan 2005
PPARC Advanced Fellow	Oct 1999 - Sep 2004
Research Fellow - Solar Physics	Sep 1995 - Sep 1999
University of Birmingham, Edgbaston, Birmingham, UK.	
Research Fellow - Solar Physics	Jan 1995 - Sep 1995
Institute of Space and Astronautical Science, Japan	
Resident Scientist (UK instrument on Yohkoh satellite)	Oct 1993 - Jan 1995

INSTITUTIONAL RESPONSIBILITIES

Director of PMOD/WRC, and professor at ETHZ. Role includes management, strategy and planning, research and teaching.

SUPERVISION OF GRADUATE STUDENTS

PhD Students supervised

Subsidiary Supervisor: L. Macdonald (1995-1999), N. Ranns (1997-2000), L. Green (1999-2002), C. Goff (2001-2005), K. Steed (2006-2011)

Supervisor: A. Glover (1999-2002), U. Kraev, (2002-2005), J. Lewis-Bowen (2001-2006), Y. Zhang (2005-2007), G. Attrill (2004-2008), D. Shelton (2010-2014), T. Pollard (2011-2015), Ailsa Prise (2011-2015), M. Woods (2015-2018), Diego De Pablos Aguero (2018-)

TEACHING ACTIVITIES

- Course Organiser Space data systems and processing SPCEGC03 2014 - 2019
- MSc course in space data systems and processing 2011 - 2019
- MSc course in space instrumentation (solar remote sensing) 2015 - 2019

MEMBERSHIP OF PANELS, BOARDS etc. (Current)

Co-PI of SPICE on Solar Orbiter	2019-present
Co-PI of EUV Imager on Solar Orbiter	2009 – present
Co-I on the NASA IRIS mission	2010 – present
Chair of ESA HAUS committee	2019 – 2020
Member of ESA SSAC	2020 – 2022
Member of Board of Reviewing Editors for Science Journal	2018 - 2019
Subject editor for Proceedings of the Royal Society A: Mathematical, Physical & Engineering Sciences	2018 - present
Member of ISSI science board	2017 – 2020
Chair of ISSI science board	2019 – 2021
Management committee of Armagh Observatory and Planetarium	2014 - 2021
Member of editorial board of Space Science Reviews	2015 – 2019
PI of the Hinode EIS instrument	2006 – 2019
Member of AURA's Solar Observatories Council (US)	2013 - 2019
Co-chair for COSPAR sub-commission E2/D3 (interdisciplinary)	2012 - 2020
Member of international Solar-C EUVST team	2009 - present
Member of the remote sensing working group for Solar Orbiter	2011 - present

MEMBERSHIP OF SCIENTIFIC SOCIETIES

Fellow of the Royal Astronomical Society, Chartered Physics of the Institute of Physics.

ORGANISATION OF CONFERENCES (last 5 years)

SOC for IRIS 10 in China	Nov 2019
SOC for Hinode 13, Tokyo	Sep 2019
Workshop with Peking University (funded by UCL)	May 2019
MSO for solar/stellar flare session at COSPAR 2018, Pasedena	Jul 2018
Organiser UK solar missions forum (annual)	Jan 2019
SOC IAU symposium, New instrument, new techniques (submission)	Dec 2017
SOC L5 mission (Goettingen)	Oct 2017
Organiser UK-Japan workshop (MSSL)	Jul 2017
Conference committee for Re-inventing space	Oct 2016
Chair of session at IAU symposium, Columbia	Oct 2016
Organising of Solar Orbiter UK working team	Sep 2016
MSO for solar/stellar flare session at COSPAR 2016, Istanbul	July 2016
Chair of SOC for the Hinode 9 international conference at QUB	Sep 2015
Main Science Organiser for 'energy transfer in the Sun' session at COSPAR	Aug 2014
Deputy Organiser for 'Highlights of the heliosphere, the Sun and magnetosphere', COSPAR	Aug 2014

PRIZES AND AWARDS (last 5 years)

Awarded the Robinson medal and lecture. November 2017
Awarded the Daiwa-Adrian prize for UK-Japan research collaboration, 2016.
Awarded the RAS group achievement award for the Hinode EIS team (2015)
Awarded the Sir Arthur C Clarke award in Space Achievement (Academic Study/Research) for her leadership in the UK and internationally of the exploitation of data from the Japanese Hinode spacecraft and her leadership of the upcoming EUJ telescope on Solar Orbiter, 2014
Awarded the RAS Chapman Medal, 2014