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* ISWI Newsletter – Vol. 3 No. 62                                02 July 2011 *
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*       I S W I = International Space Weather Initiative         *
*                   (www.iswi-secretariat.org)                   *
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Attachment(s):

- (1) "2011 ISWI-Europe Summer School in Space Science", 439 KB pdf, 2 pages.

: Re:
: ISWI-Europe Summer School
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Dear ISWI Participant:

Yesterday Dr Nat Gopalswamy (at Goddard Space Flight Center of NASA) asked me to circulate the attached item.

Nat: I hope someone will take photos during this school and send them to me afterwards; I'll be happy to send them out.

Greetings to all who are attending IUGG in Melbourne, Australia. There, the air must be cool and dry ... wonderful winter.

Trying to stay cool during the
Sweltering Kyushu Summer Season,
: George Maeda
: The Editor
: ISWI Newsletter

2011 ISWI-Europe Summer School in Space Science

August 21-27, 2011, Astronomical Institute of the SAS, Tatranská Lomnica, Slovakia

Preliminary Scientific Program

Sunday - August 21, 2011

- 9.45-10.45: Opening Ceremony
- 11.30-12.30: P. Heinzl – The Sun from space
- 14.00-15.00: W. Dziembowski – Solar Interior
- 15.30-16.30: R. Erdélyi – Fundamentals of MHD in Space Research I
- 17.15-18.15: A. Kučera / K. Kudela – Centre of Space Research: Space Weather Influences

Monday - August 22, 2011

- 9.45-10.45: R. Erdélyi – Fundamentals of MHD in Space Research II
Solar atmosphere and the inner heliosphere:
- 11.30-12.30: M. Sobotka – Photosphere
- 14.00-15.00: J. Koza – Chromosphere
- 15.30-16.30: J. Dudík – Corona and the inner heliosphere
- 17.15-18.15: I. Dorotovič – ISWI in Slovakia

Tuesday - August 23, 2011

- 9.45-10.45: E. Lopez – Solar dynamo processes
- 11.30-12.30: M. Bárta – Reconnection processes in the Sun and the inner heliosphere
- 14.00-15.00: N. Gopalswamy – Solar eruptions, CMEs and space weather
- 15.30-16.30: N. Gopalswamy – CMEs / data analysis
- 17.15-18.15: R. Huth – Effects of solar activity on Earth's climate

Wednesday - August 24, 2011

- 9.45-10.45: D.J.F. Maia – Solar energetic particles
- 11.30-12.30: D. Odstrčil – Numerical Heliospheric Code ENLIL and Space Weather Predictions
- 14.00-19.00: Excursion to the Lomnický Štít Observatory

Thursday - August 25, 2011

- 9.45-10.45: D.J.F. Maia – Solar radio emission processes
- 11.30-12.30: D. Pérez-Suárez – The HELIophysics Integrated Observatory (HELIO):
The whole heliosphere in your hands

14.00-15.00: K. Kudela – Cosmic rays in relation to space weather

15.30-16.30: J. Lastovička – Long-term trends in the ionosphere and upper atmosphere

17.15-18.15: A. Hanslmeier – Space Weather on exoplanets

Friday - August 26, 2011

9.45-10.45: Ch. Amory-Mazaudier – Earth's currents and energy system

11.30-12.30: R.A. Ribeiro – Computer intelligence techniques in time series analysis
(neural networks, data warehouse and fuzzy logic)

14.00-15.00: F. Valach – Neural networks as universal approximators
- a practical example of space weather modelling

15.30-16.30: F. Kamalabadi – Inverse problems and methods in space data analysis, assimilation, and imaging

17.15-18.15: J.M. Davila – Scientific instruments for space exploration

Saturday - August 27, 2011

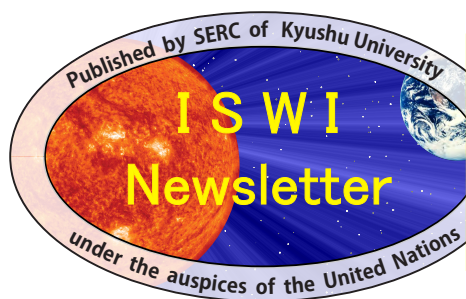
9.45-10.45: D. Pérez-Suárez – Hands-on with HELIO

11.30-12.30: E. Lopez – Solar wind - Earth's magnetosphere coupling

14.00-15.00: M. Danielides – Sudden ionospheric disturbances detected by ground methods

15.30-16.30: F. Jansen – International Space Weather Status: towards Space Situational Awareness

17.15-18.15: Closing Ceremony, discussion



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