

題名 ISWI Newsletter – Vol. 3 No. 65
差出人 George Maeda

* ISWI Newsletter – Vol. 3 No. 65 07 July 2011 *
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* I S W I = International Space Weather Initiative *
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Attachment(s):

- (1) "Prelim Program", 539 KB pdf, 2 pages.
- (2) "Announcement_Germany_V3", 1550 KB pdf, 2 pages.

: Re:
: Joint Space Weather
: Summer Camp 2011
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Dear ISWI Participant:

Attached are details of an interesting "space weather summer camp"
-- an initiative of universities in Huntsville and Germany.

I think many people are not aware of the major role that Huntsville
(a city in Alabama State) and German rocket scientists and
engineers have played in the development of Mankind's Biggest
Rocket Boosters (e.g., Saturn V rocket of the NASA's Apollo Program).
For more details on the history of Huntsville and the Space Age
that it helped to create, have a look at this Wiki piece:
http://en.wikipedia.org/wiki/Marshall_Space_Flight_Center

Ever faithfully yours,
: George Maeda
: The Editor
: ISWI Newsletter



This pdf circulated in
Volume 3, Number 65,
on 7 July 2011.

Joint Space Weather Summer Camp 2011 Preliminary Program

	18.07.11 - NZ	19.07.11 - NZ	20.07.11 - NZ	21.07.11 - KB	22.07.11 - HRO
09:00 - 10:30	Welcome, Opening Introduction to the Summer Camp VO-/DLR/ Dr. Mett /Dr. Zank, P. Poete	Sun- magnetosphere coupling, radiation belts Prof. Heber	GNSS based probing of the ionosphere Dr. Jakowski SWACI	Welcome Introduction to science at IAP Prof. Lübken	Transfer to Rostock
10:30 - 10:45	Break	Break	Break	Break	
10:45 - 12:15	Visit DLR Neustrelitz Maass/Missling Dr. Jakowski	Geomagnetic field, activity, currents Prof. Lühr Ionospheric Response to Space Weather Prof. Schlegel	SWACI – Demo K.D. Missling / H. Barkmann Closing	Aerosols in the middle atmosphere Prof. Rapp	Thermodynamics of plasma ? N.N.
12:15 - 13:45	Lunch	Lunch	Lunch	Lunch	Lunch
13:45 - 15:15	The sun as the prime source of space weather Dr. Bothmer	GICs Dr. Viljanen Thermosphere Prof. Lühr	Transfer to KB	Visit of IAP labs	Visit of University/city
15:15 - 15:30	Break	Break	Break	Break	
15:30 - 17:00	New solar missions, SWE projects Dr. Bothmer History of Space Weather Observations and Research Prof. Schlegel	SW Impact on satellites Dr. Metzger		Middle atmosphere dynamics Prof. Becker	Transfer to JR

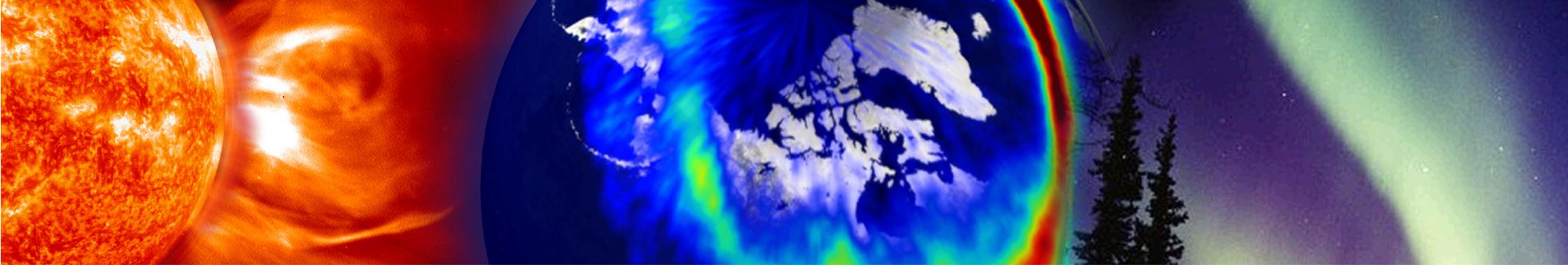
NZ: DLR Neustrelitz

KB: IAP Kühlungsborn

HRO: Universität Rostock

	25.07.11 - JR	26.07.11 - JR	27.07.11 - JR	28.07.11 - HGW	29.07.11 - HGW
09:00-10:30	Auroral phenomena Review of Radar Techniques Dr. Rietveld	Ionospheric sounding Topside IRI Dr. Bilitza	Transfer to Stralsund	Cosmic rays Prof. Flückiger	Muon telescope Prof. Hippler Visit of MustAng
10:30-10:45	Break	Break		Break	Break
10:45-12:15	MST Radar Dr. Keuer	Solar radio emission LOFAR Prof. Mann		SWE effects on astronauts, Dosimetry Dr. Reitz Radiation protection in aviation Dr. Meier	Cosmic rays and climate Dr. Scherer
12:15-13:45	Lunch	Lunch	Lunch	Lunch	Lunch
13:45-15:15	Vertical Sounding J. Mielich	SWE impact on GNSS J. Rüffer/Axionet Simulation of SWE impact at high latitudes Dr. Danielides	Visit of Stralsund and Ozeaneum	Visit IPP	United Nations Basic Space Science Initiative (UNBSSI, 1991-2012) International Space Weather Initiative (ISWI, 2010-2012) Prof. Haubold
15:15-15:30	Break	Break		Visit IPP	
15:30-17:00	EISCAT Dr. Engler The EISCAT Ionospheric Heating Facility Dr. Rietveld	SIMONE Dr. Danielides	Transfer to Greifswald	Free	Closing first part of summer camp in Germany

JR: IAP Juliusruh
HGW: EMAU Greifswald



Program Details

- Four weeks of sessions in summer, first two weeks in Germany and last in Huntsville /USA.
- Site visits to Space Weather monitoring facilities combined with first-hand research and experiences related to space weather services and applications.
- Topics include an introduction to Space Weather, basic processes in space plasmas, the Sun-Solar system connection, and the near-Earth space environment.
- Eligible expenses, including transportation and lodging, will be covered.
- Graduate and undergraduate students are eligible to apply.

Joint Space Weather Summer Camp 2011

Germany and Huntsville,
July 16 – August 14

A joint initiative of UAHuntsville, German Aerospace Agency (DLR) and the University of Rostock, supported by the University of Greifswald



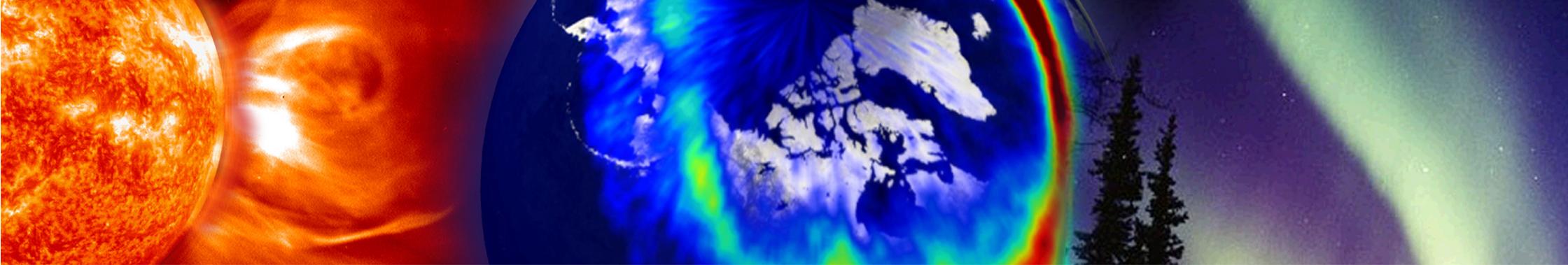
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A limited number of spots are available for this opportunity. Selection process will be competitive.

Eligibility Requirements

Undergraduate and Graduate Students

- Undergraduate or graduate degree in mathematics, physics, computer science, engineering or comparable field
- Excellent academic record
- Excellent command of English
- Application essay
- One recommendation



Application Requirements

Write a statement of purpose. Your statement of purpose should answer the following topics and questions and not exceed 500 words. This document will help the selection committee evaluate your qualifications for the program.

1. Describe your academic background and interests. Please also include how your previous coursework relates to this program.
2. What academic goals do you have for this program?
3. Describe any extracurricular activities and/or achievements that are relevant to this program.
4. What are your longer-term goals (academic and professional)? How do you see the program helping you reach these goals?

You may add additional information you consider relevant to your application.



Huntsville



Rostock



Neustrelitz



Greifswald

All materials must be submitted to Peter Poete (Peter.Poete@DLR.de) by March 25, 2011. Further information: <http://www.dlr.de/studenten>