

SpaceInn WP4: Global Helioseismology Team Meeting

Freiburg, March 11-13, 2015



Way to KIS





Being at KIS

- Entrance Code: **XXX**
- WLAN
UID: helas
PW: Yen6;Pax
- Coffee breaks and lunches at the institute



Seminar Room

Meeting Agenda

• *Wednesday, March 11, 2015*

14:00 Welcome – R. Garcia & M. Roth

• Review of actions

14:10 Review of Activities – R. Garcia

14:20 Spacelnn Deliverable 4.2 (S_ph) – D. Salabert

14:50 Discussion on the latest and next Spacelnn deliverables

15:30 Coffee

• Presentations on activity and variation

16:00 Activity cycle seen by GOLF – D. Salabert

16:30 Changes of the Solar Rotation as Seen by Some 20 years of GONG, MDI & HMI
Observations – S. Korzennik

18:00 End

• *Thursday, March 12, 2015*

• Progress on low-frequency analyses

9:00 New approaches to low-frequency BiSON analysis and tests on extracting solar-cycle
variability – J. Kuszlewicz

9:20 Statistical searches of low-frequency helioseismic data – A.M. Broomhall

9:40 The Envelope Spectrum – R. Kiefer

• Development of a new simple code for fitting helioseismic data

10:00 Solar fitting Code – E. Corsaro

10:20 Effect of line profile asymmetry in peak profiles on GONG frequencies – Shushanta

Tripathy

10:40 Coffee

• Progress on combining data of different instruments

11:00 Status of combining data of different instruments – A.M. Broomhall

11:20 Fitting of intensity-velocity cross spectrum using GONG and HMI oscillation data –

Shushanta Tripathy

11:40 Discussion on fitting code, data combination / work distribution

– Bayesian, MLE, parametric, three-dimensional fitting

– Low-degree modes

– Instruments and data for combination

12:30 Lunch at KIS

14:00 Working session

– Data Combination

– Fitting codes

– Low-frequency analysis

– S_ph paper

15:30 Coffee

16:00 Continuation and/or summary of work session

– Discussion on low-frequency analyses

– Discussion on activity and variation

18:30 Self-paying dinner in the Mexican restaurant "Enchilada"

Auf der Zinnen 1

79098 Freiburg

<http://www.enchilada.de/freiburg>

• *Friday, March 13, 2015*

• New global helioseismic techniques

9:00 Cross-spectral analysis for measuring meridional flow and rotation – A. Schad

9:20 Comments on global helioseismology – Jesper Schou

9:40 Discussion on new techniques

10:30 Coffee

11:00 Discussion on the frequency of updating (every 3-4 months)

12:30 End of Workshop / Brezels