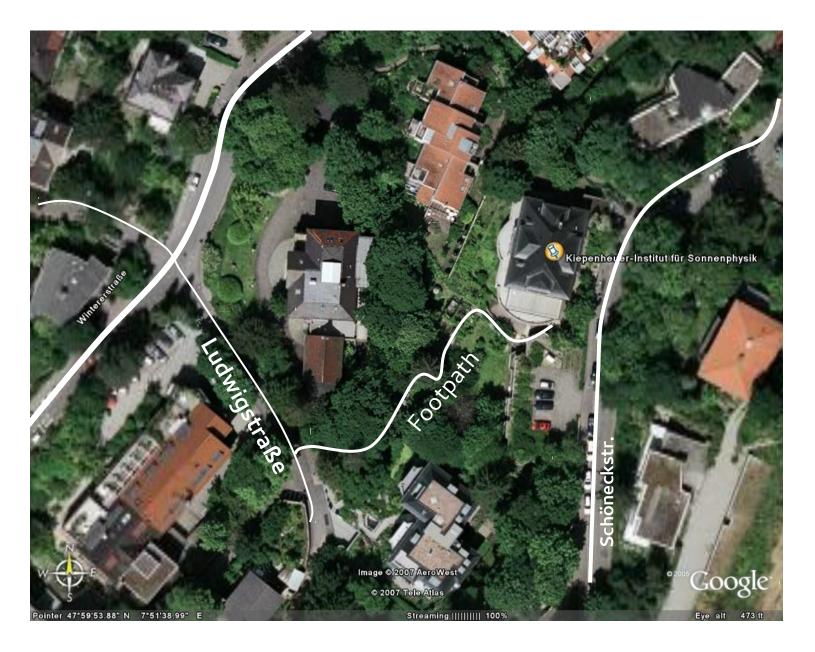
# SpaceInn WP4: Global Helioseismology Team Meeting

Freiburg, March 11-13, 2015



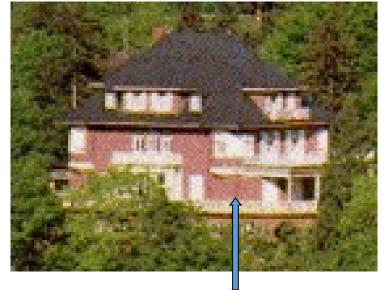
Way to KIS





# 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

<u>Review of actions</u>

- 14:10 Review of Activities R. Garcia
- 14:20 SpaceInn Deliverable 4.2 (S\_ph) D. Salabert
- 14:50 Discussion on the latest and next SpaceInn 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