UniBoard Face-to-face Meeting
Laboratoire d'Astrophysique de Bordeaux (LAB), Observatoire

Bordeaux, 12-13 October 2010, Salle de Conférence Sémirot

Meeting Agenda & Participants

Main objectives: The main goal of this meeting is to communicate on the design and production status of the UniBoard card and to report on the applications foreseen or being prepared by the project participants. There will be ample time for discussions. An outline of the UniBoard_2 project will also be presented.

Contributions will be sent to the project Wiki page or go directly to
http://www.radionet-eu.^/fp7wiki/doku.php?id=jra:uniboard:meeting:face-to-face

Tuesday, October 12th

Start time, 09:30

1. Welcome and Introduction	*Baudry/Arpad/Charlot*
2. UniBoard Status Overview	
2.1 Board presentation and design	*Schoonderbeek*
2.2 Prototype and tests led at Astron	*Hargreaves/Kooistra*
2.3 Current mechanical interface	*Schoonderbeek*
2.4 UniBoard production and Institutes	*Arpad*

Coffee/tea break, 10:45-11:15

3. How to interact with UniBoard?	*Verkouter*
3.1 Server/Client	
3.2 Interfacing to other languages	
4. Discussion on UniBoard further testing strategy	*All*
5. Modular design and reuse example of the 1Gb-e module VHDL	*Kooistra*
6. UniBoard design and Applications at Jive & Institutes	
6.1 JIVE and EVN correlator	*Verkouter/Hargreaves/Des Small*

Lunch at site, 13:00 - 14:00

6.2 Digital Receiver : status & applications	*Comoretto et al.*
6.3 RFI mitigation options for UniBoard	*Weber/Dumez-Viou/Changuel*
6.4 Applications at Korean Institute (KASI)	*Sohn/Jung*
6.5 Multi-UniBoard application example of the Apertif beamformer	*Kooistra*
6.6 RFI mitigation implementation for pulsar radioastronomy	*Ait-Allal, Changuel et al.*
6.7 Other applications (TBC)	

Coffee/tea break, 16:00-16:30

7. Fast ADC's and UniBoard	
7.1 New fast ADC's : overview and 'road map' at LAB/UB	*Bordeaux team*
7.2 Potential interest of UniBoard Daughter card for ADC's	*Kenfack et al.*
8. General discussion and actions	*All*

Dinner offered

Wednesday, October 13th

Start time 09:00

9. Audio teleconference with Shanghai Observatory / Time : 09:00 European continental time (07:00 UT)
Phone call number : 0086-21-64872497

      9.1 Brief summary of discussions held on the previous day   *Baudry/Arpad*
      9.2 Plans to use UniBoard in Shanghai   *ZhangXiuzhong/Ying Xiang*
10. Information on FP7, UniBoard_2   *Arpad*
11. Discussion on UniBoard_2 workpackages   *All*
12. Any other business & Meeting conclusion

Electronics LAB visit and demonstration

Lunch at site 12:00-13:00

Participants

Meeting Assistant :
      Reine Bedos bedos@obs.u-bordeaux1.fr

LAB/Univ. Bordeaux
      Baudry (meeting convener), Begueret, Cais, Camino, Charlot, Gauffre, Matttos, Quertier
JIVE/ASTRON
      Arpad Szomuru, Des Small, Hargreaves, Kooistra, Piruccio, Schoonderbeek, Verkouter
INAF/Arcetri
      Comoretto, Russo
MPIfR, Bonn
      Knittel
Univ. Orléans/Nançay-Observatoire de Paris
      Weber, Changuel, Dumez-Viou, Kenfack
Korean Institute (KASI)
      Sohn, Jung
Univ. of Manchester
      ? participant TBC
Univ of Oxford
      Foster
Shanghai
      Zhang Xiuzhong, Ying Xiang
      (via audio teleconference on 13th Oct morning)