

2011 DiFX Workshop Agenda

In the mornings we will provide a light breakfast, so if you desire something more hearty than a few pastries and fruit, please come fed. Each day lunch will be provided, and we plan to have coffee, tea, and snacks at the breaks.

Day 1: (Monday - December 5th)

- 0900 Welcome, meeting logistics, around-the-room introductions - *Roger Cappallo*
- 0915 [DiFX overview](#) - *Adam Deller*
- 1015 User site reports
 - [MPIFR](#) - *Helge Rottmann*
- 1045 Coffee break
- 1100 User site reports (continued)
 - [LBA](#) - *Chris Phillips*
 - [VLBA](#) - *Walter Brisken*
 - US Naval Observatory - *Dave Boboltz*
 - [Haystack Observatory](#) - *Roger Cappallo*
- 1200 Lunch
- 1300 DiFX-enabled Science
 - [mm VLBI, ALMA phasing, and the EHT](#) - *Shep Doeleman*
 - [Fast transients](#) - *Adam Deller*
- 1430 Using DiFX on oversampled ASKAP data - *Chris Phillips*
- 1500 Tea
- 1530 New systems related to difx
 - [VLBI2010](#) - *Arthur Niell*
 - [Mark 6](#) - *Alan Whitney*
- 1630 [Amplitude calibration based on antenna beam models](#) - *Walter Brisken*
- 1700 Adjourn
- 1800 Conference dinner at the [Gibbet Hill Grill](#) in Groton

Day 2: (Tuesday - December 6th)

- 0900 Technical Developments
 - [Calibration with pulse cal tones](#) - *John Morgan*
 - [Calc](#) - *David Gordon*
 - [Delay models and imaging](#) - *Walter Brisken*
 - [Multi-field Correlation](#) - *Adam Deller*
- 1030 Coffee break
- 1100 Technical developments (continued)
 - [difxdb: difx database infrastructure](#) - *Helge Rottmann*
 - [Wideband VLBI](#) - *Geoff Crew*
 - [DiFX GUI development at USNO](#) - *John Spitzak*
- 1200 Lunch
- 1300 Data format discussions
 - [VDIF support](#) - *Adam Deller*
 - [Multibit data](#) - *Chris Phillips*
- 1400 Fabric discussions
 - [Infiniband](#) - *Kevin Dudevoir*

- 10 gigabit Ethernet
- 1500 Tea
- 1530 Cluster performance & fine tuning - *open discussion*
- 1545 [HOPS developments](#) - *Roger Cappallo*
- 1615 Trac bug tracking system; review of existing bugs
- 1630 Review and revision of last year's todo list
- 1700 Adjourn

- *No scheduled dinner plans*

Day 3: (Wednesday - December 7th)

- 0900 DiFX 2.0.2 release; version numbering - *Walter Brisken*
- 0920 Demonstration of Martin Ettl's automatic code check service - *Walter Brisken*
- 0945 Hack-a-thon
- 1030 Coffee break
- 1100 Hack-a-thon continues
- 1200 Lunch
- 1300 [RFI mitigation for VLBI, phased and focal plane arrays](#) - *Jan Wagner*
- 1330 Hack-a-thon continues
- 1500 Tea
- 1530 Hack-a-thon continues
- 1700 Adjourn
- 1800 *Everyone is cordially invited over to Roger's house in Groton, for drinks and dinner*

Day 4: (Thursday - December 8th)

- 0900 Doc-a-thon
- 1030 Coffee break
- 1100 Doc-a-thon continues
- 1145 Discussion of next meeting venue, date, and content
- 1200 Lunch
- 1300 Doc-a-thon or Hack-a-thon, as needed
- 1500 Tea
- 1530 resume
- 1700 Adjourn
- *No scheduled dinner plans*

Day 5: (Friday - December 9th)

- 0900 Hack-a-thon
- 1030 Coffee break
- 1100 resume
- 1200 Lunch
- 1300 resume
- 1500 Tea
- 1530 resume
- 1700 End of meeting

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