

**GEO Meeting, 'The Lighthouse', Glasgow
11th to 13th October 2006**

Wed. 11th

08.30 - 09.00		arrival/coffee
H.Grote		Plenary session
09.00 - 09.25	B. Willke	<i>Introduction - aims of the meeting</i>
09.25 - 10.00	H. Lueck	<i>Status of GEO</i>
10.00 - 10.20	J. Smith	<i>Finding and removing glitches during S5</i>
10.20 - 10.40	S. Hild	<i>Demonstration of tuned signal recycling</i>
10.40 - 11.00	I.S.Heng	<i>Report from Glasgow DC workshop</i>
11.00 - 11.30		Coffee
G. Woan/M. Hewitson	Plenary session	<i>GEO Data and DC</i>
11.30 - 11.50	M. Hewitson	<i>DC introduction</i>
11.50 - 12.10	M. Pitkin	<i>S5 pulsar analysis</i>
12.10 - 12.40	I. Heng	<i>S5 burst requirements for GEO</i>
12.40 - 13.00	J. Smith	<i>Noise projections</i>
13.00 - 14.00		Lunch
G. Woan/M. Hewitson	Plenary session	<i>GEO Data and DC</i>
14.00 - 14.30	S. Hild	<i>Photon calibrator</i>
14.30 - 14.40	S. Hild	<i>Statistical vetoes</i>
14.40 - 15.00	A. Parameswaran	<i>Noise projection vetoes</i>
15.15 - 15.30		Coffee
15.30 - 17.30		
B. Willke	Plenary session	<i>Proposals/plans for S5 and beyond</i>
	H. Grote	<i>Commissioning options</i>
	M. Papa	<i>Usefulness of GEO in with its current sensitivity in S5 DA</i>
17.30.		Finish

Thurs. 12th

08.30 - 09.00

arrival/coffee

S. Rowan

Plenary session

09.00 - 09.30

A. Vicere

VIRGO status

09.30 - 10.00

R. Dupuis

LIGO status

10.00 - 10.30

TBD

LISA status

10.30 - 11.00

G.Cagnoli

Overview of ILIAS

11.00 - 11.30

Coffee

M.Papa

Plenary session

LSC Data analysis

11.30 - 11.45

T. Cokelaer

Cardiff activities- spinning and non-spinning black holes

11.45 - 12.05

B. Krishnan

Overview of the AEI Golm efforts in CW searches

12.05 - 12.35

M. Hewitson

Summary of data related analysis activities in Hannover

12.35 - 13.05

A Vecchio

Overview of B'ham activities

13.05 - 14.00

Lunch

M.Papa

Parallel sessions

LSC Data analysis

13.30 - 13.45

C. Robinson

An improved coincidence analysis for inspiral searches

13.45 - 14.00

A. Dietz

Triggered inspiral searches with GRB

14.00 - 14.15

S. Babak

LSC binary inspiral work at AEI Golm

14.15 - 14.30

B. Machenschalk

Einstein@Home

14.30 - 14.45

J. Clark

*Neutron star ringdown search
Fast Parameter space searches for gravitational waves from
known Binarysystems*

14.45 - 15.00

C. Messenger

*Null-stream vetoe analyses: what have we achieved and future
plans*

15.00 - 15.15

L. Wen

Science Potential of 3rd Generation Detectors

15.15 - 15.30

A. Sengupta

15.30

Finish

16.30 - 18.00

GEO Executive Meeting

S. Rowan/R.
Schnabel

Lab R and D /Technical Topics

14.00 - 14.15

S. Reid

Charge mitigation for silica suspensions

14.15 - 14.30

A. Bunkowski

Waveguide coatings for detector test masses

14.30 - 14.45

I.Martin

Coating loss at low temperatures

14.45 - 15.00

A. Bunkowski

Recent progress in all reflective interferometry

15.00 - 15.15

H. Vahlbruch

Squeezed light detection at low frequencies,

15.15 - 15.30

A.Thuering

Tuned Dual-Signal-Recycling

Friday 13th

08.30 - 09.00

arrival/coffee

H. Lueck/K. Strain

Plenary session

GEO-HF and Prototypes

09.00 - 09.30

A. Freise

New Features of Finesse

09:30 - 09:45

B. Willke

Feedback from exec session on S5 plans

09:45 - 10:00

B. Barr

Update on the diffractively-coupled-cavity experiment

10:00 - 10:15

M. Plissi

Update on the thermal noise test cavity

10:15 - 10:30

S. Reid

Thermal noise options for GEO HF

10.30 - 11.00

Coffee

H. Lueck/K.Strain

Plenary session

GEO-HF and Prototypes

11.00 - 11.15

S. Hild

DC Readout for GEO HF: what we (need to) know

11.15 - 11.30

S.Chelkowski

Squeezed field injection for GEOHF

11.30 - 11.45

H. Lueck

Overview and the vacuum system

11.45 - 12.00

M. Hewitson

Update on the new DAQs system

12.00 - 12.15

K. Strain

Update on seismic isolation

12.15 - 12.55

Discussion on the organisation of work towards GEO HF

12.55 - 13.00

Concluding remarks

13.00 - 14.00

Lunch

End of official meeting - no further talks scheduled

(We have access to the venue until 17.30 so informal discussions are possible until then)

17.30.

Finish