

Joint ESO/AURA Science Working Group Meeting

Agenda

8:45 Welcome & introduction

Status of studies & proposals [15 mins each]

- U.S. (GSMT/TMT/NSF) [Rolf Kudritzki / Jeremy Mould]
- Canada [Ray Carlberg]
- Europe [Gerry Gilmore]

9:45 Technical assumptions [perhaps one or two talks from each group to cover all this?]

- Performance of AO
 - performance for planet-finding
 - performance at visible wavelengths
- Field-of-view attainable
 - in seeing-limited modes (imaging & spectroscopy)
 - in corrected modes
- Emissivity

Francois Rigaut (Gemini Observatory)

11:00 COFFEE

11:20 Extra-solar planets and star formation

- key science identified by GSMT SWG [20 mins]
- key science identified by European ELT SWG [20 mins]

Steve Strom (NOAO)

12:10 Stellar populations

- key science identified by GSMT SWG [20 mins]
- key science identified by European ELT SWG [20 mins]

Knut Olsen (NOAO)

13:00 LUNCH

14:30 The high redshift universe & "first light"

- key science identified by GSMT SWG [20 mins]
- key science identified by European ELT SWG [20 mins]

Betsy Barton (Steward Observatory)

15:30 General discussion: Ways in which we can work together in future

- Identify areas where we need to reach consensus
- Technical studies of mutual interest
- Scientific simulations of mutual interest
- next meeting

Steve Strom could review the status of technical studies per the ESO/AURA MOU.

17:30 Close
