

- Final Programme -

Monday, 31 May 2010

08:30 – 09:00 Registration

09:00 Introduction

Welcome: NAOJ.....	Kobayashi (NAOJ)	10
IUCAF	Ohishi (NAOJ)	10
RAFCAP	Tzioumis (CSIRO)	10
Spectrum management:		
A view from the administration of Japan.....	Higashi (MIC)	30

10:00-10:30 Break

10:30 Summer School and Radio Astronomy

The Primary Purpose of the Summer School	Ohishi (NAOJ)	30
Radio astronomy and radio telescopes	Tzioumis (CSIRO)	60

12:30-14:00 Lunch

14:00 Earth Sensing & Space RA Observations

EESS– passive and active	Reising (Colorado SU)	60
Space RA observations	Hagiwara (NAOJ)	30

15:30-16:00 Break

16:00 Spectrum: Allocation, Bands and Uses

ITU-R: its structure, frequency allocations and use in general.....		
.....	Chung (KASI)	60
The RAS protected bands and use by RA.....	Tzioumis (CSIRO)	30

Tuesday, 1 June 2010

09:30 Recommendations, Reports and Notification

ITU-R RA Recommendations and Reports.....	Ohishi (NAOJ)	40
ITU Notification mechanism in practice	Gergely (NSF)	20

10:30-11:00 Break

11:00 Radio Science & Technology— I

Units, dB & stuff: understanding each others' lingo	Clegg (NSF)	30
Radio science basics including antennas.....	Ponsonby (Manchester)	60

12:30-14:00 Lunch

14:00 Radio Science & Technology— II

Propagation: fundamentals and models	Wilson (CSIRO)	30
Receivers.....	Noguchi (NAOJ)	30
Backends	Okumura (NAOJ)	30

15:30-16:00 Break

16:00 Interference to Radio Astronomy

Interference to RA and RFI mitigation techniques	Baan (ASTRON)	90
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Wednesday, 2 June 2010

09:00 International, National and Regional Regulatory Structure— I

Preparatory process toward World Radio Conferences	Gergely (NSF)	40
Asia-Pacific Region, APT, RAFCAP	Chung (KASI)	30
USA, FCC, NTIA, CORF	Clegg (NSF)	30

10:40-11:00 Break

11:00 International, National and Regional Regulatory Structure— II

Europe, CEPT	Le Devendec (ECO)	30
CRAF	Thomasson (Jodrell)	30

12:00-13:00 Lunch

13:10 Excursion

Transportation by bus to the Nobeyama Radio Observatory,
with a technical presentation.

Return by bus to Tokyo

Thursday, 3 June 2010

09:00 International, National and Regional Regulatory Structure— III

Radio Astronomy Frequency Committee in Japan	Chikada (NAOJ)	45
IUCAF's role.....	Ohishi (NAOJ)	45

10:30-11:00 Break

10:30 Coordination with Other Services

Coordination in the APT	Chung (KASI)	45
Coordination with Satellites (CLOUDSAT, LEOs, etc.).....	Ruf (DLR)	45

12:30-14:00 Lunch

14:00 RFI from New Technologies and Unlicensed Devices – I

PLT	Ohishi (NAOJ)	30
Digital TV	Clegg (NSF)	30
Ultrawideband	Baan (ASTRON)	30

15:30-16:00 Break

16:00 RFI from New Technologies and Unlicensed Devices – II

RFID	Thomasson (Jodrell)	30
Software-defined Radio & Cognitive Radio	Clegg (NSF)	30
Solar Power Satellites	Ohishi (NAOJ)	30

Friday, 4 June 2010

09:00 New Frontiers in Spectrum Management

The submm/Terahertz regime	Ohishi (NAOJ)	30
The SKA.....	Millenaar (SKA)	30
Radio Quiet Zones.....	Wilson (CSIRO)	60

10:30-11:00 Break

11:00 Concluding Remarks

Recognizing RFI	Baan (ASTRON)	10
The future of regulation of radio astronomy	Gergely (NSF)	30
Open discussion: How to ensure the protection of the RA	All	60

12:30-13:30 Lunch

Informal meeting on Rep. F.2107

Saturday, 5 June 2010

09:30 – 12:30 7th RAFCAP meeting

Report from Australia	Tzioumis (CSIRO)	20
Report from China	Zhang (BAO)(presented by Tzioumis)	20
Report from Japan	Ohishi (NAOJ)	20
Report - Radio Astronomy Frequency Committee Japan	Kameya (NAOJ)	20
Report from Korea	Chung (KASI)	20
Regional report.....	Xue (NAO)(presented by Chung)	20
Report on Experience at CORF.....	Reising (Colorado SU)	20

short break

Open discussion		45
* WRC12		
* Regional interactions (APT)		
* Future of RAFCAP		
* AOB		