

# **SKA Science Assessment Workshop - Continuum**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Science Case 1: Tracing SF in the Universe

*Monday, 9 September 2013 09:15 (25 minutes)*

**Presenter:** MURPHY

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 1

Type: **not specified**

## Science Case 2: Tracing AGN in the Universe

*Monday, 9 September 2013 09:40 (25 minutes)*

**Presenter:** SMOLCIC

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 2

Type: **not specified**

## **Science Case 3: Diffuse radio sources in galaxy clusters**

*Monday, 9 September 2013 10:05 (25 minutes)*

**Presenter:** FERRARI

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 3

Type: **not specified**

## Science Case 4: Galactic Science

*Monday, 9 September 2013 11:00 (25 minutes)*

**Presenter:** UMANA

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 4

Type: **not specified**

## **Science Case 5: Cosmology with continuum surveys**

*Monday, 9 September 2013 11:25 (25 minutes)*

**Presenter:** BACON

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 5

Type: **not specified**

## Science Case 6: Cosmic Magnetism

*Monday, 9 September 2013 11:50 (25 minutes)*

**Presenter:** TAYLOR

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 6

Type: **not specified**

## **MWA**

*Monday, 9 September 2013 14:00 (25 minutes)*

**Presenter:** HURLEY-WALKER

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]



Contribution ID: 7

Type: **not specified**

## **Continuum Survey Simulations and Source Populations, or What will SKA1 Surveys Find?**

*Monday, 9 September 2013 12:15 (25 minutes)*

**Presenter:** CONDON

**Session Classification:** Science Overview [focused on SKA1 perspectives/critical tech. requirements]

Contribution ID: 8

Type: **not specified**

## MeerKAT

*Monday, 9 September 2013 14:25 (25 minutes)*

**Presenter:** VAN DER HEYDEN

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]

Contribution ID: 9

Type: **not specified**

## ASKAP

*Monday, 9 September 2013 14:50 (25 minutes)*

**Presenter:** NORRIS

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]

Contribution ID: **10**

Type: **not specified**

## **JVLA**

*Monday, 9 September 2013 15:15 (25 minutes)*

**Presenter:** CONDON

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]

Contribution ID: 11

Type: **not specified**

## **eMERLIN**

*Monday, 9 September 2013 16:10 (25 minutes)*

**Presenter:** BESWICK

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]

Contribution ID: 12

Type: **not specified**

## LOFAR

*Monday, 9 September 2013 16:35 (25 minutes)*

**Presenter:** HEALD

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]

Contribution ID: 13

Type: **not specified**

## GMRT

*Monday, 9 September 2013 17:00 (25 minutes)*

**Presenter:** SIROTHIA

**Session Classification:** Precursor and Pathfinder Lessons [focus on SKA1 technical requirements to go a step beyond]

Contribution ID: 14

Type: **not specified**

## Baseline Design

*Tuesday, 10 September 2013 09:00 (45 minutes)*

**Presenter:** DEWDNEY

**Session Classification:** Baseline Design and Requirements



Contribution ID: 15

Type: **not specified**

## **Science requirements: SKA Office perspective**

*Tuesday, 10 September 2013 09:45 (15 minutes)*

**Presenter:** HUYNH, STEVENSON

**Session Classification:** Baseline Design and Requirements

Contribution ID: 16

Type: **not specified**

## **Science requirements: continuum science team perspective**

*Tuesday, 10 September 2013 10:00 (40 minutes)*

Low frequency case (SKA1-Low) (Rottgering)

Mid frequency case (SKA1--Mid and SKA1--Survey) (Seymour)

**Session Classification:** Baseline Design and Requirements

Contribution ID: 17

Type: **not specified**

## **Science requirements: magnetism science team perspectives**

*Tuesday, 10 September 2013 11:10 (15 minutes)*

**Presenter:** GOVONI

**Session Classification:** Baseline Design and Requirements

Contribution ID: **18**

Type: **not specified**

## **Science requirements: cosmology science team perspectives**

*Tuesday, 10 September 2013 11:25 (15 minutes)*

**Presenter:** ABDALLA/BACON

**Session Classification:** Baseline Design and Requirements

Contribution ID: 19

Type: **not specified**

## **Discussion: Baseline Design**

*Tuesday, 10 September 2013 11:40 (50 minutes)*

**Presenter:** BRAUN, HUYNH, PRANDONI, SEYMOUR (CHAIRS)

**Session Classification:** Baseline Design and Requirements

Contribution ID: 20

Type: **not specified**

## **Discussion: Baseline Design - continued**

*Tuesday, 10 September 2013 14:00 (1 hour)*

**Presenter:** BRAUN, HUYNH, PRANDONI, SEYMOUR (CHAIRS)

**Session Classification:** Baseline Design and Requirements (continued)

Contribution ID: 21

Type: **not specified**

## **Continuum surveys and computational issues**

*Tuesday, 10 September 2013 15:00 (30 minutes)*

**Presenter:** CORNWELL

**Session Classification:** Operations Concept, Expected Data Products

Contribution ID: 22

Type: **not specified**

## **Discussion: Operations, Expected Data Products, Change Process**

*Tuesday, 10 September 2013 16:00 (30 minutes)*

**Presenter:** BRAUN, STEVENSON, SEYMOUR (CHAIRS)

**Session Classification:** Operations Concept, Expected Data Products



Contribution ID: 23

Type: **not specified**

## **SKA2 Science Case: dusty SF galaxies at $z>4$**

*Tuesday, 10 September 2013 16:30 (25 minutes)*

**Presenter:** SARGENT

**Session Classification:** Path to SKA2

Contribution ID: 24

Type: **not specified**

## Discussion on path to SKA2

*Tuesday, 10 September 2013 16:55 (50 minutes)*

**Presenter:** HUYNH, BRAUN, TAYLOR, MURPHY (CHAIRS)

**Session Classification:** Path to SKA2

Contribution ID: 25

Type: **not specified**

## Summary of the workshop

*Wednesday, 11 September 2013 09:00 (1 hour)*

**Presenter:** HUYNH, BRAUN, PRANDONI, SEYMOUR (CHAIRS)

**Session Classification:** Summary and Document Preparation

Contribution ID: 26

Type: **not specified**

## Document preparation

*Wednesday, 11 September 2013 10:00 (1 hour)*

**Session Classification:** Summary and Document Preparation

Contribution ID: 27

Type: **not specified**

## **Presentation and discussion of summary document**

*Wednesday, 11 September 2013 11:30 (1 hour)*

**Presenter:** PRANDONI, SEYMOUR (CHAIRS)

**Session Classification:** Summary and Document Preparation