

# Current Problems in Extragalactic Dust



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## Overview of the fundamentals of observations

*Monday 29 June 2009 10:15 (30 minutes)*

A general overview of what observations of dust have told us, can tell us, what the techniques are and what the limitations are.

**Presenter:** Dr GORDON, Karl (STScI)

**Session Classification:** Fundamentals of Observations

Contribution ID: 1

Type: **not specified**

## **Dust in Lyman-alpha and Lyman-break galaxies at high redshifts**

*Monday 29 June 2009 11:45 (20 minutes)*

**Presenter:** Dr MALHOTRA, Sangeeta (Arizona)

**Session Classification:** Fundamentals of Observations

Contribution ID: 2

Type: **not specified**

## **A modest talk on observing dust**

*Monday 29 June 2009 12:25 (20 minutes)*

**Presenter:** Dr FYNBO, Johan (DARK)

**Session Classification:** Fundamentals of Observations

Contribution ID: 3

Type: **not specified**

## Overview 2 of Dust production - AGB stars

*Tuesday 30 June 2009 14:30 (30 minutes)*

**Presenter:** Dr ANDERSEN, Anja (DARK)

**Session Classification:** Dust Production 2

Contribution ID: 4

Type: **not specified**

## Overview 1 of Dust production - SNe

*Tuesday 30 June 2009 09:30 (30 minutes)*

**Presenter:** Dr KOTAK, Rubina (QUB)

**Session Classification:** Dust Production

Contribution ID: 5

Type: **not specified**

## Overview of the fundamentals of theory

*Monday 29 June 2009 14:30 (40 minutes)*

**Presenter:** Prof. DRAINE, Bruce (Princeton)

**Session Classification:** Fundamentals of Models

Contribution ID: 6

Type: **not specified**

## **Formation and evolution of dust in hydrogen-poor supernovae**

*Monday 29 June 2009 16:00 (15 minutes)*

**Presenter:** Dr NOZAWA, Takaya (Tokyo)

**Session Classification:** Fundamentals of Models



Contribution ID: 7

Type: **not specified**

## **Radiative transfer in disk galaxies**

*Monday 29 June 2009 16:30 (15 minutes)*

**Presenter:** Dr BIANCHI, Simone (Arcetri)

**Session Classification:** Fundamentals of Models

Contribution ID: 8

Type: **not specified**

## Overview 1 of extinction and emission properties

*Wednesday 1 July 2009 09:30 (35 minutes)*

**Presenter:** Dr ELÍASDÓTTIR, Árdís (Princeton)

**Session Classification:** Extinction curves and emission properties

Contribution ID: **10**

Type: **not specified**

## **Extinction properties of dust toward GRBs**

*Wednesday 1 July 2009 10:30 (20 minutes)*

**Presenter:** Dr LAZZATI, Davide (NCSU)

**Session Classification:** Extinction curves and emission properties

Contribution ID: 11

Type: **not specified**

## **The 2175 Å feature / CI connection**

*Wednesday 1 July 2009 12:25 (20 minutes)*

**Presenter:** Dr MALESANI, Daniele (DARK)

**Session Classification:** Extinction curves and emission properties

Contribution ID: 12

Type: **not specified**

## Overview 2 of extinction and emission properties

*Wednesday 1 July 2009 14:30 (40 minutes)*

**Presenter:** Dr PIERINI, Daniele (MPE)

**Session Classification:** Extinction curves and emission properties 2

Contribution ID: 13

Type: **not specified**

## Infrared spectra of galaxies

*Wednesday 1 July 2009 16:00 (15 minutes)*

**Presenter:** Dr SMITH, JD (Toledo, OH)

**Session Classification:** Extinction curves and emission properties 2

Contribution ID: 14

Type: **not specified**

## **Uncertainties in the submm SEDs of high- and low- $z$ galaxies**

*Wednesday 1 July 2009 16:30 (15 minutes)*

**Presenter:** Dr GREVE, Thomas (MPIA)

**Session Classification:** Extinction curves and emission properties 2

Contribution ID: 15

Type: **not specified**

## Overview of high-redshift dust

*Friday 3 July 2009 09:30 (40 minutes)*

**Presenter:** Dr GALLERANI, Simona (Rome)

**Session Classification:** High-z dust



Contribution ID: **16**

Type: **not specified**

## **Dust extinction in GRBs**

*Friday 3 July 2009 10:30 (20 minutes)*

**Presenter:** Dr SCHADY, Patricia (MSSL)

**Session Classification:** High-z dust

Contribution ID: 17

Type: **not specified**

## Dust in Lyman-alpha emitting galaxies

*Friday 3 July 2009 11:45 (20 minutes)*

**Presenter:** Prof. FERRARA, Andrea (Pisa)

**Session Classification:** High-z dust

Contribution ID: **18**

Type: **not specified**

## **Dust and the PopIII/PopII transition**

*Friday 3 July 2009 12:25 (20 minutes)*

**Presenter:** Dr SCHNEIDER, Raffaella (Arcetri)

**Session Classification:** High-z dust

Contribution ID: **19**

Type: **not specified**

## **Grain shattering and coagulation in the interstellar medium**

*Tuesday 30 June 2009 10:30 (20 minutes)*

**Presenter:** Dr HIRASHITA, Hiroyuki (Institute of Astronomy and Astrophysics, Academia Sinica)

**Session Classification:** Dust Production

Contribution ID: 20

Type: **not specified**

## **Cold dust in supernova remnants - the elephant in the room?**

*Tuesday 30 June 2009 11:45 (20 minutes)*

**Presenter:** Dr DUNNE, Loretta (University of Nottingham)

**Session Classification:** Dust Production

Contribution ID: 21

Type: **not specified**

## Dust formation and survival in supernovae

*Tuesday 30 June 2009 12:25 (20 minutes)*

**Presenter:** Dr BIANCHI, Simone (INAF - Osservatorio Astrofisico di Arcetri)

**Session Classification:** Dust Production

Contribution ID: 22

Type: **not specified**

## **Stellar sources of dust at high-redshift: SN vs AGB stars**

*Tuesday 30 June 2009 16:30 (15 minutes)*

**Presenter:** Ms VALIANTE, Rosa (Dipartimento di Astronomia, Università di Firenze)

**Session Classification:** Dust Production 2

Contribution ID: 23

Type: **not specified**

# The Winds of Carbon Stars and the Origin of Carbon Dust

*Tuesday 30 June 2009 16:00 (15 minutes)*

**Presenter:** Dr MATTSSON, Lars (Uppsala University, Dept. of Physics and Astronomy)

**Session Classification:** Dust Production 2



Contribution ID: 24

Type: **not specified**

## Measuring the amount of intergalactic dust with the SDSS

*Thursday 2 July 2009 11:45 (25 minutes)*

**Presenter:** Dr MÉNARD, Brice (CITA)

**Session Classification:** Dust and dark energy

Contribution ID: 25

Type: **not specified**

# The properties of dust in other galaxies and Type Ia SNe

*Thursday 2 July 2009 09:30 (40 minutes)*

**Presenter:** Dr KRISCIUNAS, Kevin (Texas A&M)

**Session Classification:** Dust and dark energy

Contribution ID: 26

Type: **not specified**

## Extinction properties of lensing galaxies

*Thursday 2 July 2009 10:30 (25 minutes)*

**Presenter:** Ms ÖSTMAN, Linda (Stockholm)

**Session Classification:** Dust and dark energy

Contribution ID: 27

Type: **not specified**

## Implications of IGM dust for dark energy

*Thursday 2 July 2009 12:25 (25 minutes)*

**Presenter:** Dr KILBINGER, Martin (Paris)

**Session Classification:** Dust and dark energy

Contribution ID: 28

Type: **not specified**

## **Modelling the spectral energy distributions of sub-mm galaxies**

*Wednesday 1 July 2009 11:45 (20 minutes)*

**Presenter:** Mr MICHALOWSKI, Michal (DARK)

**Session Classification:** Extinction curves and emission properties