

## ***REPORT ON THE RADIONET3 NETWORKING ACTIVITY***

**TITLE: BACK AT THE EDGE OF THE UNIVERSE**

**DATE:** 15.03.2015 - 19.03.2015      **TIME:** WHOLE DAY

**LOCATION:** SINTRA, PORTUGAL

**MEETING WEBPAGE** <http://deep15.oal.ul.pt>

**HOST INSTITUTE:** INSTITUTE OF ASTROPHYSICS AND SPACE SCIENCES –  
FUNDAÇÃO DA FACULDADE DE CIÊNCIAS DA  
UNIVERSIDADE DE LISBOA

**PARTICIPANTS NO:** 132

**MAIN LEADER:** INAF

## REPORT:

### 1. Programme of the meeting

See attachment or <http://deep15.oal.ul.pt/program/>.

### 2. Scientific Summary

The meeting was an extremely successful one. As stated in the meeting's rationale, it was "aimed at discussing galaxy formation and evolution in the light of the deepest astronomical observations. The focus is on the latest observational results, and on how they shape, and are shaped by, the latest theoretical framework."

In total, 132 researchers attended the conference, with slightly over a third being women. There were participants from 18 countries (UK: 24, USA:13; Italy: 13, France: 12; Germany: 12; Portugal: 12; Japan: 11; The Netherlands: 9; Spain: 5; Australia: 5; South Africa: 4; Switzerland: 4; Chile: 2; Denmark: 2; Finland: 1; Poland: 1; Mexico: 1; Sweden 1), making this a very international conference. Nine invited speakers, from Europe, US, Japan and Australia, were selected and contributed tremendously to make this an outstanding event.

Besides the 9 invited talks (of 30 minutes each) there were also 78 regular oral presentations (15 minutes each), and 40 poster presentations. The posters were displayed in an adjacent room to the conference one, and each advertised directly to the conference participants at the "Poster Vertigo" Sessions (see the Conference Program). There, each poster presenter was allowed 2 slides (30 seconds each) to prompt fellow to go and carefully see the poster, presentations which were sequential and automatically loaded (no interruptions).

All oral presentations and most poster presentations are currently online at the conference site, after obtaining permission from the participants while at the conference.

A satisfaction survey was performed online after the event, opened to all participants. With 70 responses collected at the time of writing, a vast majority rated as **very good** or **good** the location (94%), the scientific program (96%), the selection of invited speakers (84%), the quality of oral presentations and the quality of poster presentations (88% and 71%, respectively), the Vertigo Sessions (64%), the local organization (97%), the coffee breaks (93%), the conference dinner (70%) and the visit to the Quinta da Regaleira included in the social programme (71%).

The Schedule was found **very good** or **good** by 43% of the participants, with a further 33% finding it **fair**. Many participants mentioned that the conference was very packed, and they would rather have more discussion time and fewer presentations. This was a conscious option made by the conference organizers, in face of the tremendous submission of oral presentations. Essentially all participants proposed for an oral presentation, which means that even with the high number of oral presentations selected, the rate of acceptance was below the 70% level. All presentations not selected for an oral slot were nevertheless given a poster presentation slot.

The conference room and poster rooms were also only mildly appreciated: a third of the participants considered them **fair**, a further third classifying them as **good** or **very good**, and the remaining third finding them **poor**. This is also recognized by the organization, and it represents a compromise between an outstanding conference location (Sintra, part of UNESCO's World Heritage List) with an impressive historical background but with no modern conference facilities. In fact, part of the RadioNet3 support was employed in improving the audio-visual conditions of the conference room.

Overall, 96% of the participants that replied to the survey so far manifested an overall satisfaction, which is **very good** or **good**, with 79% classifying this conference as **totally useful for their professional development** and 19% as **partially useful**. Only one reply mentioned the conference was **not useful for his/her professional development**.



*The Conference Photo, taken at the time of the visit to the Quinta da Regaleira, which was part of the social programme.*

### 3. Attendance list (incl. participant names, affiliation and country) signed by the participants and confirmed by the organizer

See attachment or <http://deep15.oal.ul.pt/participants>.

### 4. Financial Report / RadioNet3 contribution

RadioNet3 Support of 5000€ was used for:

- the organization covered the accommodation costs for the invited speakers from EU Institutions (Philip Best/UK, Rychard Bouwens/NL, Carina Kaputi/NL, Andrea Ferrara/IT, Joop Schaye/NL, and Marta Volonteri/FR) and for two participating members of the SOC (James Dunlop/UK and David Sobral/PT).
- logistics (conference room, audio and video system, etc.)

### 5. Conference Proceedings and Web page

There will be no conference proceedings. All oral presentations and most poster presentations are currently online at the conference site:

<http://deep15.oal.ul.pt/program/>  
<http://deep15.oal.ul.pt/poster-presentations/>

# Back at the Edge of the Universe

Latest results from the deepest astronomical surveys

Sintra, Portugal, 15-19 March 2015

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## Conference Program

### Please note:

The abstracts and the presentations themselves are available below in pdf (or mp4) format. Abstracts can also be accessed through the [Conference Abstract Book](#).

Also check the [poster presentations](#) available at the conference.

Last update: 07 April 2015

### Sunday 15 March 2015

16h00 – Registration

19h00

19h00 [Welcome](#)  
[Reception](#)

### Monday 16 March 2015

08h30 Welcome

08h45 **Rychard Bouwens** [Observations of High Redshift Galaxies](#) *pdf*  
(I)

09h15 Hakim Atek + [Probing the Epoch of Reionization with the Hubble Frontier Fields](#)  
Jean Paul Kneib [Clusters](#) *pdf*

09h30 Pascal Oesch [Probing Galaxy Build-up at the Edge of the Universe: Insights](#)

		<a href="#">from Ultra-Deep HST and Spitzer Observations</a> <a href="#">pdf</a>
09h45	Michele Trenti	<a href="#">The Brightest Galaxies at Cosmic Dawn</a> <a href="#">pdf</a>
10h00	Silvio Lorenzoni	<a href="#">Lyman-break galaxies in the Epoch of Reionization</a> <a href="#">pdf</a>
10h15	Derek McLeod	<a href="#">Redshift <math>z \sim 9</math> galaxies in the Hubble Frontier Fields and implications for the high-redshift evolution of the UV luminosity density</a> <a href="#">pdf</a>
10h30	Coffee Break	
11h00	Ryota Kawamata	<a href="#">The sizes of <math>z \sim 6-8</math> lensed galaxies from the Hubble Frontier Fields Abell 2744 data</a> <a href="#">pdf</a>
11h15	Rebecca Bowler	<a href="#">Rapid evolution in the bright end of the galaxy luminosity function between <math>z = 5, 6</math> and <math>7</math></a> <a href="#">pdf</a>
11h30	Eros Vanzella	<a href="#">Investigating star-forming galaxies in the first billion years with deep spectroscopy</a> <a href="#">pdf</a>
11h45	Laura Pentericci	<a href="#">Probing the end of the reionization epoch with high redshift galaxies</a> <a href="#">pdf</a>
12h00	Ross McLure	<a href="#">VANDELS: A deep VIMOS survey of the CANDELS UDS and CDFS fields</a> <a href="#">pdf</a>
12h15	<a href="#">Poster Vertigo 1</a>	
12h45	Lunch	
14h30	Andrea Ferrara (I)	<a href="#">First Stars and Black Holes in the Reionization Era</a> <a href="#">pdf</a>
15h00	Masafumi Ishigaki	<a href="#">Faint Galaxies at <math>z=5-10</math> for UV Luminosity Functions and Cosmic Reionization</a> <a href="#">pdf</a>
15h15	Andrei Mesinger	<a href="#">Does reionization cause the rapid drop in galactic Ly-alpha emission at <math>z &gt; \sim 6</math>?</a> <a href="#">pdf</a>
15h30	Marco Castellano	<a href="#">Constraints on reionization from a multi-wavelength analysis of <math>z &gt; 6.5</math> galaxies</a> <a href="#">pdf</a>
15h45	Jorryt Matthee	<a href="#">Revolutionising our understanding of distant Ly-alpha emitters: calibrating Ly-alpha and the evolution of the LF from <math>z \sim 9</math> to <math>z \sim 2</math></a> <a href="#">pdf</a>
16h00	Kasper Schmidt	<a href="#">The Grism Lens-Amplified Survey from Space (GLASS): Ly-alpha emitters at the epoch of reionization</a> <a href="#">pdf</a>
16h15	Lucia Guaita	<a href="#">Lyman Continuum Signal from <math>z \sim 3</math> star-forming galaxies and higher redshift implications</a> <a href="#">pdf</a>
16h30	Coffee Break	
17h00	Marta Volonteri (I)	<a href="#">The Assembly of Massive Black Holes in the Early Universe</a> <a href="#">pdf</a>
17h30	Bram Venemans	<a href="#">Illuminating the Dark Ages: Quasars in the Epoch of Reionisation</a> <a href="#">pdf</a>
17h45	Jose Afonso	<a href="#">Towards the first generation of Radio Powerful AGN in the Universe</a> <a href="#">pdf</a>
18h00	Ilian Iliev	<a href="#">Reionization, small-scale structures and radiative feedback</a> <a href="#">pdf</a>

18h15	Nick Seymour	<a href="#">Probing the First Black Holes and Clusters with the Murchison Widefield Array</a> <a href="#">pdf</a>
18h30	Hugo Messias	<a href="#">Finding early radio galaxies: the IR perspective</a> <a href="#">pdf</a>
18h45	Andrea Grazian	<a href="#">Looking for the sources of Reionization at the Edge of the Universe</a> <a href="#">pdf</a>
19h00	End Day 1	

## Tuesday 17 March 2015

08h30	Ray Norris	<a href="#">Getting the Science from Next-Generation Deep Surveys</a> <a href="#">pdf</a>
08h45	Anna Weigel	<a href="#">The systematic search for <math>z &gt; \sim 5</math> active galactic nuclei in the Chandra Deep Field South</a> <a href="#">pdf</a>
09h00	Antonino Cucchiara	<a href="#">Tracing metal enrichment using cosmological explosions</a> <a href="#">pdf</a>
09h15	Enrico Piconcelli	<a href="#">The most luminous quasars: probing the AGN/galaxy co-evolution at its extreme</a> <a href="#">pdf</a>
09h30	Tim Rawle	<a href="#">Beyond the Confusion: Enhancing our View at High Redshift with the Herschel Lensing Survey</a> <a href="#">pdf</a>
09h45	Andrea Cimatti	<a href="#">The promise of Euclid to understand galaxy formation and evolution</a> <a href="#">pdf</a>
10h00	Coffee Break	
10h30	Joop Schaye (I)	<a href="#">Galaxy Formation: predictions from models</a> <a href="#">pdf</a>
11h00	Bruno Henriques	<a href="#">Galaxy formation in the PLANCK era: Matching the observed evolution of star formation rates, colours and stellar masses across cosmic time</a> <a href="#">pdf</a>
11h15	Pratika Dayal	<a href="#">The first billion years of galaxy formation in cold and warm dark matter cosmologies</a> <a href="#">pdf</a>
11h30	Shy Genel	<a href="#">High-redshift galaxies in the Illustris Simulation</a> <a href="#">pdf</a>
11h45	Nick Gnedin	<a href="#">Cosmic Reionization On Computers</a> <a href="#">pdf</a>
12h00	<a href="#">Poster Vertigo 2</a>	
12h30	Lunch	
14h30	Karina Caputi (I)	<a href="#">Galaxy Stellar Mass Assembly at High <math>z</math></a> <a href="#">pdf</a>
15h00	Olivier Le Fevre	<a href="#">Properties of galaxies with <math>2 &lt; z &lt; 6+</math> as seen from the VIMOS Ultra-Deep Survey</a> <a href="#">pdf</a>
15h15	Danilo Marchesini	<a href="#">The Progenitors of Today's Ultra-massive Galaxies Across Cosmic Time</a> <a href="#">pdf</a>
15h30	Lidia Tasca	<a href="#">Evolution of the brightest and most massive galaxies since <math>z \sim 6</math></a> <a href="#">pdf</a>

15h45	Mauro Stefanon	<a href="#">New constraints on the abundance of very massive galaxies at <math>4 &lt; z &lt; 7</math> from UltraVISTA and S-COSMOS</a> <a href="#">pdf</a>
16h00	Janine Pforr	<a href="#">The VIMOS Ultra Deep Survey: The UV Luminosity Function up to <math>z \sim 5</math></a> <a href="#">pdf</a>
16h15	Jarle Brinchmann	<a href="#">The MUSE 3D view of the Hubble Deep Field South</a> <a href="#">pdf</a>
16h30	<b>Coffee Break</b>	
17h00	Adriano Fontana	<a href="#">The evolution of high redshift massive galaxies in HUGS/CANDELS</a> <a href="#">pdf</a>
17h15	James Dunlop	<a href="#">The Cosmic History of Star Formation</a> <a href="#">pdf</a>
17h30	Wouter Karman	<a href="#">MUSE integral-field spectroscopy towards the Frontier Fields Cluster Abell S1063</a> <a href="#">pdf</a>
17h45	Pablo Perez-Gonzalez	<a href="#">Reconstructing the formation of massive galaxies from their SHARDS</a> <a href="#">pdf</a>
18h00	Lee Spitler	<a href="#">The ZFOURGE survey: the evolution of galaxies since redshift <math>z=4</math></a> <a href="#">pdf</a>
18h15	Alice Mortlock	<a href="#">Exploring the evolution of the stellar mass function in the redshift range <math>1 &lt; z &lt; 3</math> with UltraVISTA &amp; UDS</a> <a href="#">pdf</a>
18h30	Shoubaneh Hemmati	<a href="#">Combining spectroscopic and photometric data to study how resolved (kpc-scale) substructures in galaxies govern their global physical properties</a> <a href="#">pdf</a>
18h45	<b>End Day 2</b>	
19h30	<a href="#">Conference Dinner</a>	

## Wednesday 18 March 2015

09h00	Philip Best (I)	<a href="#">The AGN-Galaxy connection out to the highest redshifts</a> <a href="#">pdf</a>
09h30	Margherita Talia	<a href="#">AGN feedback and outflows : the road to star formation quenching</a> <a href="#">pdf</a>
09h45	Mark Sargent	<a href="#">A direct measurement of the gas content of a massive elliptical galaxy in the peak era of galaxy assembly</a> <a href="#">pdf</a>
10h00	Joao Calhau	<a href="#">The growth of typical star-forming galaxies and their super massive black holes across cosmic time: consequences for AGN feedback/quenching</a> <a href="#">pdf</a>
10h15	Paolo Padovani	<a href="#">The faint radio sky: a tale of three populations</a> <a href="#">pdf</a>
10h30	Tom Muxlow	<a href="#">The e-MERGE Galaxy Evolution Survey</a> <a href="#">pdf</a>
10h45	<b>Coffee Break</b>	
11h15	Alexandra Pope (I)	<a href="#">Observational signatures of an evolving interstellar medium in high redshift galaxies</a> <a href="#">pdf</a>

11h45	Nathan Bourne	<a href="#">Understanding relationships between star formation rate, stellar mass and obscuration at high redshift with the SCUBA-2 Cosmology Legacy Survey</a> <a href="#">pdf</a>
12h00	Paola Santini	<a href="#">The evolution of the dust and gas content in galaxies</a> <a href="#">pdf</a>
12h15	Michal Michalowski	<a href="#">Towards the complete mass function of dusty galaxies</a> <a href="#">pdf</a>
12h30	Veronica Sommariva	<a href="#">Evolution of stellar metallicity in high redshift galaxies</a> <a href="#">pdf</a>
12h45	Robert Yates	<a href="#">The chemical evolution of galaxies from high to low redshift</a> <a href="#">pdf</a>
13h00	<a href="#">Poster Vertigo 3</a>	
13h30	Lunch	
15h00	<a href="#">Sightseeing in Sintra: Quinta da Regaleira</a>	

## Thursday 19 March 2015

08h30	Bahram Mobasher	<a href="#">The MOSDEF Survey: Study of Rest-frame Optical Properties of Galaxies at <math>1.5 &lt; z &lt; 3.5</math></a> <a href="#">pdf</a>
08h45	Olivier Ilbert	<a href="#">sSFR functions out to <math>z=1.4</math> combining the COSMOS and GOODS surveys</a> <a href="#">pdf</a>
09h00	David Sobral	<a href="#">The nature and evolution of star-forming galaxies over the last 11 Gyrs with a single, homogeneous selection</a> <a href="#">pdf</a>
09h15	Tomoko Suzuki	<a href="#">Galaxy formation activity just before its peak epoch explored with [OIII] emitters at <math>z &gt; 3</math></a> <a href="#">pdf</a>
09h30	Irene Shivaiei	<a href="#">The MOSDEF Survey: The Star-Forming Main Sequence at <math>z \sim 2</math></a> <a href="#">pdf</a>
09h45	Omar Almaini	<a href="#">Post-starburst galaxies and the origin of the galaxy bimodality</a> <a href="#">pdf</a>
10h00	Bitten Gullberg	<a href="#">The Nature of [CII] emission in Lensed Dusty Star-forming Galaxies from the SPT survey</a> <a href="#">pdf</a>
10h15	Coffee Break	
10h45	Elisabete da Cunha (I)	<a href="#">Modelling the SEDs of galaxies at high redshift: recent progress and future challenges</a> <a href="#">pdf</a>
11h15	Nimish Hathi	<a href="#">The VIMOS Ultra Deep Survey: Ly-alpha Emission and Stellar Populations of Star-Forming Galaxies at <math>2 &lt; z &lt; 6</math></a> <a href="#">pdf</a>
11h30	Stephane De Barros	<a href="#">Star-forming galaxy properties at <math>z \sim 4</math> and impact of nebular emission: applying lesson from <math>z \sim 2</math></a> <a href="#">pdf</a>

11h45	Daniel Schaerer	<a href="#">A consistent view on normal star-forming galaxies from <math>z \sim 1.5</math> to 8 from multi-wavelength observations and SED modeling</a> <a href="#">pdf</a>
12h00	Esther Marmol-Queralto	<a href="#">New insights on the evolution of H<math>\alpha</math> equivalent width and sSFR up to <math>z \sim 5</math></a> <a href="#">pdf</a>
12h15		<a href="#">Poster Vertigo 4</a>
12h45		Lunch
14h30	Taddy Kodama (I)	<a href="#">Proto-clusters at high-<math>z</math>: structures and stellar populations</a> <a href="#">pdf</a>
15h00	Paola Andreani	<a href="#">Witnessing the formation of galaxy clusters at redshift <math>z \sim 3</math></a> <a href="#">pdf</a>
15h15	Simona Mei	<a href="#">The progenitors of early-type galaxies in clusters and proto-clusters</a> <a href="#">pdf</a>
15h30	Dominika Wylezalek	<a href="#">Galaxy Clusters around radio-loud AGN and their evolution across cosmic time</a> <a href="#">mp4</a>
15h45	Kate Husband	<a href="#">The Environments of <math>z=2.2</math> Radio Galaxies as Traced by H-<math>\alpha</math> Emitters</a> <a href="#">pdf</a>
16h00	Bjorn Emonts	<a href="#">Evolution at the edge: cold molecular CO(1-0) gas in the halos of high-<math>z</math> radio galaxies</a> <a href="#">pdf</a>
16h15	Guillaume Drouart	<a href="#">Localising the star formation in high redshift radio galaxies</a> <a href="#">pdf</a>
16h30		Coffee Break
17h00	Audrey Galametz	<a href="#">Dynamical and structural analysis of a large-scale structure at <math>z = 0.65</math> in CANDELS UDS</a> <a href="#">pdf</a>
17h15	Anna Cibinel	<a href="#">Identification of High-<math>z</math> Mergers through Resolved Mass Distributions</a> <a href="#">pdf</a>
17h30	Jun Toshikawa	<a href="#">Protoclusters at <math>z \sim 3-6</math> Probed by Wide-field Imaging</a> <a href="#">pdf</a>
17h45	Catherine White	<a href="#">Galaxy correlation functions in the CANDELS fields</a> <a href="#">pdf</a>
18h00	Nancy Hine	<a href="#">Investigating the acceleration of galaxy growth in a <math>z=3</math> protocluster</a> <a href="#">pdf</a>
18h15	Benedetta Vulcani	<a href="#">The role of the stellar mass and the environment in shaping galaxy properties at different redshifts</a> <a href="#">pdf</a>
18h30	Conference Final Remarks	
18h45	End of Conference	

Please also check the [Poster Presentations](#)

#### Contacts:

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*José Afonso*

# Back at the Edge of the Universe

Latest results from the deepest astronomical surveys

Sintra, Portugal, 15-19 March 2015

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## Participants

List of Participants (132 participants)

Last update: 20 March 2015

Ana Afonso	Institute of Astrophysics and Space Sciences	Portugal
José Afonso	Institute of Astrophysics and Space Sciences	Portugal
Omar Almaini	University of Nottingham	England
Bruno Altieri	ESA	Spain
Heinz Andernach	Departamento de Astronomia, Universidad de Guanajuato	Mexico
Paola Andreani	European Southern Observatory	Germany
Sonia Anton	IAA-CSIC & IA-FCUL	Portugal
Vinod Arumugam	European Southern Observatory	Germany
Tom Bakx	Cardiff University	United Kingdom
Philip Best	Institute for Astronomy, Edinburgh	UK
Rob Beswick	JBCA/e-MERLIN	UK
Laura Bisigello	RUG, Sron	Netherlands
Nathan Bourne	University of Edinburgh	UK
Richard Bouwens	Leiden University	The Netherlands
Rebecca Bowler	Institute for Astronomy, University of Edinburgh	UK
Jarle Brinchmann	Leiden Observatory	Netherlands
Fernando Buitrago	University of Edinburgh	United Kingdom
Joao Calhau	Institute of Astrophysics and Space Sciences	Portugal
Karina Caputi	Kapteyn Astronomical Institute, RUG	The Netherlands
Marco Castellano	INAF-Osservatorio Astronomico di Roma	Italy
Antonio Cava	University of Geneva	Switzerland

*J. J. A. S.*

Anna Cibinel	University of Sussex	UK
Andrea Cimatti	U. Bologna	Italy
Antonino Cucchiara	NASA-GSFC	USA
Elisabete da Cunha	MPIA & Swinburne University of Technology	Germany & Australia
Pratika Dayal	Institute for Astronomy, University of Edinburgh, Royal Observatory	U.K.
Stephane De Barros	INAF Bologna	Italy
Carlos De Breuck	ESO	Germany
Guillaume Drouart	Onsala Space Observatory, Chalmers University	Sweden
James Dunlop	ROE	UK
Bjorn Emonts	CSIC-INTA (Centro de Astrobiología)	Spain
Andrea Ferrara	Scuola Normale Superiore	Italy
Joao Ferreira	IfA University of Edinburgh	United Kingdom
Anastasia Fialkov	Ecole Normale Supérieure	France
Audrey Galametz	MPE	Germany
Shy Genel	Columbia University	USA
Nick Gnedin	Fermilab	USA
Andrea Grazian	INAF-Astronomical Observatory of Rome	Italy
Lucia Guaita	INAF-Osservatorio Astronomico di Roma	Italy
Bitten Gullberg	European Southern Observatory	Germany
Nimish Hathi	LAM	France
Shoubaneh Hemmati	UC Riverside	USA
Bruno Henriques	MPA	Germany
Nancy Hine	University of Hertfordshire	UK
Kate Husband	University of Bristol	UK
Olivier Ilbert	Laboratoire d'Astrophysique de Marseille	France
Ilian Iliev	University of Sussex	United Kingdom
Masafumi Ishigaki	The University of Tokyo	Japan
Shogo Ishikawa	The Graduate University for Advanced Studies	Japan
Carole Jackson	Curtin University	Australia
Wouter Karman	Kapteyn Astronomical Institute/ University of Groningen	The Netherlands
Ryota Kawamata	The University of Tokyo	Japan
Jean-Paul Kneib	EPFL	Switzerland
Ali Khostovan	University of California, Riverside	USA
Tadayuki Kodama	National Astronomical Observatory of Japan	Japan
Janusz Krywult	Jan Kochanowski University	Poland
Haruka Kusakabe	The University of Tokyo	Japan
Olivier Le Fevre	Laboratoire d'Astrophysique de Marseille	France

Matthew Lehnert	Institut d'Astrophysique de Paris	France
Roger Leiton	Universidad de Concepcion	Chile
Elvira Leonardo	Institute of Astrophysics and Space Sciences	Portugal
Silvio Lorenzoni	Institute of Astrophysics and Space Sciences	Portugal
Danilo Marchesini	Tufts University	USA
Esther Marmol-Queralto	SUPA, Institute for Astronomy, Edinburgh	U. K.
Rui Marques Chaves	IAC	Spain
Salomé Matos	Royal Observatory of Edinburgh, Institute for Astronomy	Scotland, UK
Jorryt Matthee	Leiden University	The Netherlands
Israel Matute	Institute of Astrophysics and Space Sciences	Portugal
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Andrei Mesinger	Scuola Normale Superiore	Italy
Hugo Messias	Institute of Astrophysics and Space Sciences	Portugal
Michal Michalowski	Institute for Astronomy, University of Edinburgh	UK
Bo Milvang-Jensen	Dark Cosmology Centre	Denmark
Bahram Mobasher	U. California	USA
Takahiro Morishita	Tohoku University	Japan
Alice Mortlock	The University of Edinburgh	United Kingdom
Thibaud Moutard	Aix Marseille Universit	France
Alejandra Muñoz Arancibia	Pontificia Universidad Católica de Chile	Chile
Tom Muxlow	Jodrell Bank Centre for Astrophysics	United Kingdom
Gael Noirot	European Southern Observatory	Germany
Ray Norris	CASS	Australia
Pascal Oesch	Yale	USA
Joana Oliveira	Institute of Astrophysics and Space Sciences	Portugal
Paolo Padovani	ESO	Germany
Cirino Pappalardo	Institute of Astrophysics and Space Sciences	Portugal
Shegy Parsa	institute for astronomy, university of edinburgh	UK
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Janine Pforr	LAM, Marseille	France
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Lura Pitchford	ESO	Germany

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Tim Rawle	ESAC, ESA	Spain
Bruno Ribeiro	Laboratoire d'Astrophysique de Marseille (LAM)	France
Nathan Roche	Institute of Astrophysics and Space Sciences	Portugal
Jimit Sanghvi	University of Turku	Finland
Paola Santini	INAF OAR	Italy
Mario Santos	UWC, SKA SA	South Africa
Mark Sargent	University of Sussex	UK
Daniel Schaerer	Geneva Observatory	Switzerland
Joop Schaye	Leiden University	The Netherlands
Kasper Schmidt	University of California Santa Barbara	USA
Nick Seymour	Curtin University	Australia
Irene Shivaiei	University of California, Riverside	USA
Marta Silva	Kapteyn Astronomical Institute – RUG	The Netherlands
David Sobral	Institute of Astrophysics and Space Sciences/Leiden Observatory	Portugal
Veronica Sommariva	University of Bologna	Italy
Lee Spitler	Macquarie University	Australia
Mauro Stefanon	University of Leiden	The Netherlands
Tomoko Suzuki	The Graduate University for Advanced Studies (SOKENDAI)	Japan
Tsutomu Takeuchi	Nagoya University	Japan
Margherita Talia	Dipartimento di Fisica e Astronomia, Università di Bologna	Italy
Lidia Tasca	Laboratoire d'Astrophysique de Marseille	France
Jun Toshikawa	National Astronomical Observatory of Japan	Japan
Michele Trenti	University of Cambridge	UK
Mattia Vaccari	University of the Western Cape	South Africa
Eros Vanzella	INAF – Osservatorio Astronomico di Bologna	Italy
Bram Venemans	MPIA Heidelberg	Germany
Susanna Vergani	Paris Observatory – CNRS	France
Joel Vernet	ESO	Germany
Marta Volonteri	IAP	France
Benedetta Vulcani	KAVLI IPMU	Japan
Darach Watson	University of Copenhagen	Denmark
Anna Weigel	ETH Zurich, Institute for Astronomy	Switzerland
Catherine White	Johns Hopkins University	United States
Imogen Whittam	University of the Western Cape	South Africa
Dominika Wylezalek	Johns Hopkins University	USA

Robert Yates  
Hiroya Yoshida

Max Planck Institute for Extraterrestrial Physics (MPE) Germany  
Nagoya University  
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