

CURRICULUM VITAE

Dr. Kasper B. Schmidt

Contact Information

Kasper Borello Schmidt
Leibniz-Institut für Astrophysik Potsdam (AIP)
An der Sternwarte 16
14482 Potsdam, Germany

E-mail kbschmidt@aip.de
Tel.(work) +49 (0) 331 7499 237
Tel.(cell) +49 (0) 176 7655 3020
Web: <http://kasperschmidt.github.io/>

Personal Information

Nationality Danish
Date of birth April 17 1983
Languages Danish (mother tongue), English (fluent), German (moderate)

Employment

Postdoctoral Researcher 09/11/2015 - present
Leibniz-Institut für Astrophysik Potsdam (AIP), Potsdam, Germany

Postdoctoral Researcher 01/09/2012 - 31/10/2015
University of California Santa Barbara (UCSB), CA, USA

Graduate Researcher 01/10/2008 - 31/08/2012
Max Planck Institute for Astronomy (MPIA), Heidelberg, Germany

Education

Ph.D. in astronomy (Dr. Rer. Nat.) 01/10 2008 - 09/07/2012
Max Planck Institute for Astronomy, Heidelberg, Germany
Thesis: *'Frontiers of Galaxy Evolution – Time-Domain Observations and 3D Spectroscopy'*
Supervisor: Prof. Dr. Hans-Walter Rix
Member of: *The International Max Planck Research School for Astronomy and Cosmic Physics at the University of Heidelberg (IMPRS-HD)*

M.Sc. in astronomy 01/07/2006 - 12/08/2008
Dark Cosmology Center, University of Copenhagen, Denmark
Thesis: *'Towards Understanding Dark Matter Structures'*
Supervisor: Dr. Steen H. Hansen

B.Sc. in astronomy 01/09/2003 - 30/06/2006
University of Copenhagen, Denmark
Thesis: *'The Inflationary Scenario in the Early Universe'*
Supervisor: Dr. Steen H. Hansen & Dr. Anja C. Andersen

References

Prof. Tommaso Treu

UC Los Angeles
Physics & Astronomy
Tel: +1 310-206-5617
tt@astro.ucla.edu

Prof. Lutz Wisotzki

Leibniz-Institut für
Astrophysik Potsdam (AIP)
Tel: +49 (0)331 7499 532
lwisotzki@aip.de

Prof. Hans-Walter Rix

Max Planck Institute for
Astronomy (MPIA)
Tel: +49 (0)622 1528 210
rix@mpia-hd.mpg.de

Research Interests/topics

Galaxy Formation and Evolution: NIR grism, multi-object and IFU spectroscopy, Lyman break galaxy selection, Ly α -line searches, emission line mapping, merger statistics, star formation diagnostics

Quasar Variability: modeling, quasar selection, color changes, AGN accretion disk physics

Dark Matter Structures: kinematics, theoretical description, interactions

Strong Gravitational Lensing: selection and detection (via variability), emission line mapping

Methods: Markov chain Monte Carlo, Bayesian statistics, empirical modeling, data mining, visual inspection, structure functions, luminosity functions

Research Experience and Positions

Team Member, The Grism Lens-Amplified Survey from Space (GLASS)	2012 - Pres.
Team Member, BoRG Hubble Parallel Survey Group	2012 - Pres.
Referee, ApJ, MNRAS	2010 - Pres.
Team Member, 3D-HST Hubble Treasury Legacy Survey Group	2010 - 2013
Organizer & Founder of 'LiHD - Lensing in Heidelberg', monthly seminar session on lensing.	2009 - 2012
Team Member, Pan-STARRS1 Science Collaboration	2008 - 2012
Member, International Max Planck Research School - Heidelberg (IMPRS-HD)	2008 - 2012
Member, ELIXIR , Marie Curie Initial Training Network: Early Universe w. NIRSpec on JWST	2008 - 2011

Public Outreach and Teaching Experience

'Ask-an-Astronomer' session following http://highz-malta.com/registration/outreach	21/07/2016
Two lectures on 'Astro 2' as substitute for Prof. Tommaso Treu	14/05/2013 & 23/05/2013
Tutor on the course ' FP30 - CCD photometry in modern astronomy '	14/02/2011 - 01/04/2011
Co-supervisor on M. Knecht's bachelor thesis, University of Heidelberg	09/08/2010 - 02/11/2010
Assisting at 'Cultural Night of Copenhagen', Dark Cosmology Center	12/10/2007
Presenting dark matter science to high-school classes, Dark Cosmology Center	08/11/2007
Co-organizer and tutor, introduction to new students, University of Copenhagen	2005 & 2006

Publications

40. 'A free-form lensing model of A370 revealing stellar mass dominated BCGs, in Hubble Frontier Fields images.'
Jose M. Diego, Kasper B. Schmidt, Tom Broadhurst, et al.
[2016, ArXiv:1609.04822](#)
39. 'MUSE Deep-Fields: The Ly α Luminosity Function in the Hubble Deep Field South at $2.91 < z < 6.64$.'
Alyssa B. Drake, Bruno Guiderdoni, ..., Kasper B. Schmidt
[2016, ArXiv:1609.02920](#)
38. 'The Grism Lens-Amplified Survey from Space (GLASS). IX. The dual origin of low-mass cluster galaxies as revealed by new structural analyses'
Takahiro Morishita, Louis Abramson, ..., Kasper B. Schmidt, et al.
[2016, Submitted to ApJ, ArXiv:1607.00384](#)

37. ‘Galaxy candidates at $z \sim 10$ in archival data from the Brightest of Reionizing Galaxies (BoRG[z8]) survey’
Stephanie Bernard, Daniela Carrasco, ..., Kasper B. Schmidt, et al.
[2016, Accepted by ApJ, ArXiv:1606.05955](#)
36. ‘Detection of Lyman-Alpha Emission From a Triple Imaged $z=6.85$ Galaxy Behind MACS J2129.4-0741’
Kuang-Han Huang, Brian C. Lemaux, Kasper B. Schmidt, et al.
[2016, ApJL, 823, L14](#)
35. ‘The Grism Lens-Amplified Survey from Space (GLASS). VI. Comparing the Mass and Light in MACSJ0416.1-2403 using Frontier Field imaging and GLASS spectroscopy’
Austin Hoag, Kuang-Han Huang, ..., Kasper B. Schmidt, et al.
[2016, Submitted to ApJ, ArXiv:1603.00505](#)
34. ‘SN Refsdal: Classification as a Luminous and Blue SN 1987A-like Type II Supernova’
Patrik L Kelly, Gabriel Brammer, ..., Kasper B. Schmidt, et al.
[2015, submitted to ApJ, ArXiv:1512.09093](#)
33. ‘Bright galaxies at Hubble’s redshift detection frontier: Preliminary results and design from the redshift $z \sim 9 - 10$ BoRG pure-parallel HST survey’
Valentina Calvi, Michele Trenti, ..., Kasper B. Schmidt, et al.
[2016, ApJ, 817, 120](#)
32. ‘SN Refsdal: Photometry and Time Delay Measurements of the First Einstein Cross Supernova’
Steven A. Rodney, Louis-Gregory Strolger, ..., Kasper B. Schmidt, et al.
[2016, ApJ, 821, 18](#)
31. ‘Deja Vu All Over Again: The Reappearance of Supernova Refsdal’
Patrik. L. Kelly, Steven A Rodney, ..., Kasper B. Schmidt, et al.
[2016, ApJL, 819, L8](#)
30. ‘Refsdal’ meets Popper: comparing predictions of the re-appearance of the multiply imaged supernova behind MACS1149.5+2223
Tommaso Treu, Gabriel B. Brammer, ..., Kasper B. Schmidt, et al.
[2016, ApJ, 817, 60](#)
29. ‘The Grism Lens-Amplified Survey from Space (GLASS). V. Extent and Spatial Distribution of Star Formation in $z \sim 0.5$ Cluster Galaxies’
Benedetta Vulcani, Tommaso Treu, ..., Kasper B. Schmidt, et al.
[2015, ApJ, 814, 161](#)
28. ‘The Grism Lens-Amplified Survey from Space (GLASS). IV. Mass reconstruction of the lensing cluster Abell 2744 from frontier field imaging and GLASS spectroscopy’
Xin Wang, Austin Hoag, ..., Kasper B. Schmidt, et al.
[2015, ApJ, 811, 29](#)
27. ‘The Grism Lens-Amplified Survey from Space (GLASS). III. A census of $\text{Ly}\alpha$ Emission at $z \gtrsim 7$ from HST Spectroscopy’
Kasper B. Schmidt, Tommaso Treu, Marusa Bradač, et al.
[2016, ApJ, 818, 38](#)
26. ‘Spitzer UltRa Faint Survey Program (SURFS UP). II. IRAC-Detected Lyman-Break Galaxies at $6 < z < 10$ Behind Strong-Lensing Clusters’
Kuang-Han Huang, Marusa Bradač, ..., Kasper B. Schmidt, et al.
[2016, ApJ, 817, 11](#)
25. ‘The Grism Lens-Amplified Survey from Space (GLASS). II. Gas-Phase Metallicity and Radial Gradients in an Interacting System at $z \sim 2$ ’
Tucker Jones, Xin Wang, Kasper B. Schmidt, et al.
[2015, ApJ, 149, 107](#)

24. **‘The Grism Lens-Amplified Survey from Space (GLASS). I. Survey Overview and First Data Release’**
Tommaso Treu, **Kasper B. Schmidt**, Gabriel B. Brammer, et al.
[2015, ApJ, 114, 21](#)
23. **‘A spectroscopically confirmed $z = 1.327$ galaxy-scale deflector magnifying a $z \sim 8$ Lyman-break galaxy in the Brightest of Reionizing Galaxies survey’**
Robert Barone-Nugent, Allesandro Sonnenfeld, ..., **Kasper B. Schmidt**, et al.
[2015, MNRAS 453, 3068](#)
22. **‘Quasar Classification Using Color and Variability’**
Christina M. Peters, Gordon T. Richards, ..., **Kasper B. Schmidt**, et al.
[2015, ApJS, 811, 2](#)
21. **‘RCS2 J232727.6-020437: An Efficient Cosmic Telescope at $z = 0.6986$ ’**
Austin Hoag, Marusa Bradač, ..., **Kasper B. Schmidt**, et al.
[2015, ApJ, 813, 1](#)
20. **‘Correcting the $z \sim 8$ Galaxy Luminosity Function For Gravitational Lensing Magnification Bias’**
Charlotte Mason, Tommaso Treu, **Kasper B. Schmidt**, et al.
[2015, ApJ, 805, 79](#)
19. **‘The Impact of Strong Gravitational Lensing on Observed Lyman-Break Galaxy Numbers at $4 < z < 8$ in the GOODS and the XDF Blank Fields’**
Robert Barone-Nugent, Stuart Wyithe, ..., **Kasper B. Schmidt**, et al.
[2015, MNRAS, 450, 1224](#)
18. **‘Multiple Images of a Highly Magnified Supernova Formed by an Early-Type Cluster Galaxy Lens’**
Patrick L. Kelly, Steven A. Rodney, ..., **Kasper B. Schmidt**, et al.
[2015, Science, 347, 1123](#)
17. **‘The Luminosity Function at $z \sim 8$ from 97 Y-band Dropouts: Inferences About Reionization’**
Kasper B. Schmidt, Tommaso Treu, Michele Trenti, et al.
[2014, ApJ, 786, 57](#)
16. **‘Through The Looking GLASS: HST Spectroscopy of Faint Galaxies Lensed by the Frontier Field Cluster MACSJ0717.5+3745’**
Kasper B. Schmidt, Tommaso Treu, Gabriel B. Brammer, et al.
[2014, ApJ, 782, L36](#)
15. **‘The Changing $\text{Ly}\alpha$ Optical Depth in the Range $6 < z < 9$ from MOSFIRE Spectroscopy of Y-dropouts’**
Tommaso Treu, **Kasper B. Schmidt**, Michele Trenti, et al.
[2013, ApJ, 775, L29](#)
14. **‘A Candidate $z \sim 8$ Galaxy Lensed by a Foreground $z \sim 1.7$ group’**
Robert L. Barone-Nugent, J. Stuart B. Wyithe, ..., **Kasper B. Schmidt**
[2013, ArXiv:1303.6109](#)
13. **‘The Spatial Extent and Distribution of Star Formation in 3D-HST Mergers at $z \sim 1.5$ ’**
Kasper B. Schmidt, Hans-Walter Rix, Elisabete da Cunha, et al.
[2013, MNRAS, 432, 285](#)
12. **‘The Radial Distribution of Star Formation in Galaxies at $z \sim 1$ From the 3D-HST Survey’**
Erica J. Nelson, Pieter G. van Dokkum, ..., **Kasper B. Schmidt**
[2013, ApJ, 763, L16](#)
11. **‘Large-Scale Star Formation-Driven Outflows at $1 < z < 2$ in the 3D-HST Survey’**
Britt F. Lundgren, Gabriel B. Brammer, ..., **Kasper B. Schmidt**, et al.
[2012, ApJ, 760, 49](#)

10. **‘3D-HST Grism Spectroscopy of a Gravitationally Lensed, Low-metallicity Starburst Galaxy at $z = 1.847$ ’**
Gabriel B. Brammer, Ruben Sanchez-Janssen, ... , **Kasper B. Schmidt**, et al.
[2012, ApJ, 758, L17](#)
9. **‘H α Equivalent Widths from the 3D-HST Survey: Evolution with Redshift and Dependence on Stellar Mass’**
Mattia Fumagalli, Shannon Patel, ... , **Kasper B. Schmidt**, et al.
[2012, ApJ, 757, L22](#)
8. **‘3D-HST: A wide-field grism spectroscopic survey with the Hubble Space Telescope’**
Gabriel B. Brammer, Pieter G. van Dokkum, ... , **Kasper B. Schmidt**, et al.
[2012, ApJS, 200, 13](#)
7. **‘Spatially resolved H α maps and sizes of 57 strongly star-forming galaxies at $z \sim 1$ from 3D-HST: evidence for rapid inside-out assembly of disk galaxies’**
Erica J. Nelson, Pieter G. van Dokkum, ... , **Kasper B. Schmidt**
[2012, ApJ, 747, L28](#)
6. **‘The Color Variability of Quasars’**
Kasper B. Schmidt, Hans-Walter Rix, Joseph C. Shields, et al.
[2012, ApJ, 744, 147](#)
5. **‘First Results From the 3D-HST Survey: The Striking Diversity of Massive Galaxies at $z > 1$ ’**
Pieter G. van Dokkum, Gabriel B. Brammer, ... , **Kasper B. Schmidt**, et al.
[2011, ApJ, 743, L15](#)
4. **‘Discovering the missing $2.2 < z < 3$ quasars by combining optical variability and optical/near-IR colors’**
Xue-Bing Wu, Ran Wang, **Kasper B. Schmidt**, et al.
[2011, ApJ, 142, 78](#)
3. **‘Selecting Quasars by their Intrinsic Variability’**
Kasper B. Schmidt, Philip J. Marshall, Hans-Walter Rix, et al.
[2010, ApJ 714, 1194](#)
2. **‘Dark Matter Angular Momentum Profile From the Jeans Equation’**
Kasper B. Schmidt, Steen H. Hansen, Jin H. An, et al.
[2009, ApJ, 694, 893](#)
1. **‘Alas, the dark matter structures were not that trivial’**
Kasper B. Schmidt, Steen H. Hansen, & Andrea Macciò
[2008, ApJ, 689, L33](#)

Observing experience

2 nights, Kast on Lick, CA, USA	Nov. 2013
1 night, Kast on Lick, CA, USA (remotely)	Sep. 2013
1 night, MOSFIRE on Keck, HI, USA	May 2013
3 nights, MOSFIRE on Keck, HI, USA	Apr. 2013
2 half nights, MOSFIRE on Keck, HI, USA (remotely)	Jan. 2013
4 nights, The Nordic Optical Telescope 2.2m, La Palma, Spain	Apr. 2007

P.I. Observing Programs

Confirming the First Variability-Selected Quasar Lenses	2013
Shane 3 m. @ Lick Observatory (KAST spectroscopy and AO LGS imaging)	

Period: 2013 B, Proposal ID: 2013B.S025

Variability-Selected Quasar Lenses 2010
 GROND, 2.2m @ La Silla
 Cycle: MPI, Period: 86, Proposal ID: 9017

Selected Co.I. Observing Programs

Bright Galaxies at HST's Detection Frontier: The $z \sim 9 - 10$ BoRG pure-parallel survey 2014
HST Cycle 22 (2014-2015)
 P.I.: M. Trenti, University of Cambridge, UK

The Grism Lens-Amplified Survey from Space (GLASS) 2013
HST Cycle 21 (2013-2014)
 P.I.: T. Treu, University of California Santa Barbara

The 3 Musketeers Survey: Keck/HST/Spitzer Study Galaxies at $0.3 < z < 10$ 2013
 MOSFIRE & DEIMOS Keck proposal
 P.I.: M. Bradač, University of California Davis

Probing the Physics of Reionization with MOSFIRE Spectroscopy of $z \sim 8$ Galaxy Overdensities Autumn 2012
 MOSFIRE Keck proposal
 P.I.: T. Treu, University of California Santa Barbara

Probing the Physics of Reionization with MOSFIRE Spectroscopy of $z \sim 8$ Galaxy Overdensities Spring 2012
 MOSFIRE Keck proposal
 P.I.: T. Treu, University of California Santa Barbara

Spectroscopic Identification of Variability-Selected Quasar Candidates at $2.2 < z < 3.2$ 2011
 Term: Sep-Dec 2011; Boller & Chivens Spectrograph on the Bok 2.3m Telescope
 P.I.: R. Wang, Steward Observatory

Spectroscopic Identification of Quasar Candidates at $2.2 < z < 3$ 2010
 Term: Sep-Dec 2010; Boller & Chivens Spectrograph on the Bok 2.3m Telescope
 P.I.: R. Wang, Steward Observatory

Selected Astronomy Telegrams

'Hubble Space Telescope Discovery of a Probable Caustic-Crossing Event in the MACS1149 Galaxy Cluster Field'
 P. L. Kelly, S. A. Rodney, ..., K. B. Schmidt et al.
ATel #9097 on 29 May 2016

'Detection of a SN near the center of the galaxy cluster field MACS1149 consistent with predictions of a new image of Supernova Refsdal'
 P. L. Kelly, S. A. Rodney, ..., K. B. Schmidt et al.
ATel #8402 on 12 Dec 2015

'Hubble Space Telescope Discovery of a Multiply Imaged, Gravitationally Lensed Supernova'
 P. L. Kelly, S. A. Rodney, ..., K. B. Schmidt et al.
ATel #6729 on 21 Nov 2014

Invited Talks

- ‘The Grism Lens-Amplified Survey From Space (GLASS):
Grism Spectroscopy of Clusters and The Early Universe’** 16/11/2015
Census, Evolution, Physics meeting, Yale, Connecticut, US
[Meeting URL](#), [PDF](#)
- ‘The Epoch of Reionization: Observing Galaxies in Their Cradle’** 20/10/2015
Frank N. Bash Symposium 2015, New Horizons in Astronomy, Austin, Texas, US
[Meeting URL](#), [Proceeding: PoS\(BASH2015\)014](#)
- ‘The Grism Lens-Amplified Survey From Space (GLASS):
HST Grism Spectroscopy of the HFF’** 03/08/2015
FM 22: The Frontier Fields: Transforming our understanding of cluster and
galaxy evolution, XXIX IAU General Assembly, Honolulu, Hawaii, US
[Meeting URL](#), [ADS](#)
- ‘The Brightest of Reionizing Galaxies (BoRG) survey:
The $z \sim 8$ luminosity function and spectroscopic follow-up’** 21/11/2013
Cosmology Seminar, University of California Davis, Davis, CA, USA

Conferences & Meetings

- Intl. Conf.: Signals From the Deep Past** 18/7/2016 - 22/7/2016
Valletta, Malta
Talk Contribution: ‘Studying the Cosmic Dawn Through a Magnifying GLASS’
- Intl. Conf.: EWASS2016** 4/7/2016 - 8/7/2016
Athens, Greece
Talk Contribution: ‘GLASS: Probing the Epoch of Reionization with HST Spectroscopy’
- GLASS Collaboration meeting** 9/5/2016 - 13/5/2016
UCLA, Los Angeles, US
Talk Contribution: ‘GLASS 2016 Updates: I) Public Data Release v001, II) LBGs at $z > 6$ ’
- Intl. Conf.: Census, Evolution, Physics** 16/11/2015 - 19/11/2015
Yale, Connecticut, US
Talk Contributions: See invited talks above
- Intl. Conf. Frank N. Bash Symposium 2015, New Horizons in Astronomy** 18/10/2015 - 20/10/2015
Austin, Texas, US
Talk Contributions: See invited talks above
- Intl. Conf.: XXIX IAU General Assembly** 03/08/2014 - 14/08/2015
Honolulu, Hawaii, US
Talk Contributions: FM22 - see invited talks above
Session319 - ‘Probing Reionization at $z \gtrsim 7$ with HST’s NIR Grisms’, [ADS](#), [PDF](#)
[Proceedings IAU Symposium No. 319, 2015](#)
- GLASS Collaboration meeting** 4/5/2015 - 7/5/2015
Monte Porzio, Rome, Italy
Talk Contributions: ‘The GLASS data’ &
‘Ly α at $z \gtrsim 7$ in the First Six GLASS Clusters’
- Intl. Conf.: sxhz** 01/04/2015 - 03/04/2015

Austin, TX, USA

Talk Contribution: 'GLASS: Probing the state of the reionization epoch through HST spectroscopy' [PDF](#)

Intl. Conf.: DEEP 15

15/03/2015 - 19/03/2015

Sintra, Potrugal

*Talk Contribution: 'The Grism Lens-Amplified Survey from Space (GLASS):
Ly α emitters at the epoch of reionization'* [PDF](#)

Intl. Conf.: Hubble Frontier Fields @ Yale

12/11/2014 - 14/11/2014

Caltech, Pasadena, CA, USA

Talk Contribution: 'HST Grism Spectroscopy of the HFF with GLASS: Ly α Emitters at $z > 6$ ' [PDF](#)

Keck Science Meeting

02/10/2014 - 03/10/2014

Caltech, Pasadena, CA, USA

Talk Contribution: 'Galaxies at The EoR: The Synergy Between HST and Keck-MOSFIRE'

Intl. Conf.: The Distant Universe

02/07/2014 - 07/07/2014

Cefalu, Italy,

Talk Contribution: 'GLASS: The Universe at $z > 6$ and Resolved Metallicity Maps at $z \sim 2$ ' [PDF](#)

GLASS Collaboration meeting, organizer

28/4/2014 - 2/5/2014

UCSB, Santa Barbara, CA, USA

*Talk Contributions: 'The Reduction Pipeline and Data',
'Glass Inspection GUI: intro and workshop', &
'The High-Redshift Universe with GLASS'*

Intl. Conf.: 223rd AAS meeting

05/01/2014 - 09/01/2014

Washington D.C., MD, USA

Talk Contribution: 'BoRG: Luminosity Function and Spectroscopic Follow-Up of Galaxies at $z \sim 8$ ' [ADS](#)

Poster Contribution: 'First results from the HST Grism Lens-Amplified Survey from Space' [PDF](#)

ELIXIR annual meeting

12/11/2012 - 13/11/2012

Leiden University, The Netherlands

Talk Contribution: 'Quasar Variability and Star Formation in Mergers'

ELIXIR School: What Will It Look Like to Observe with NIRSspec?

26/09/2012 - 27/09/2012

ESTEC, Noordwijk, The Netherlands

3D-HST meeting

07/05/2012 - 09/05/2012

Videocon., MPIA, Heidelberg, Germany

Talk Contribution: 'The Spatial Extent of Star Formation in 3D-HST Mergers at $z \sim 1.5$ '

Intl. Conf.: 'The Physics of Astronomical Transients'

22/01/2012 - 27/01/2012

Aspen Center for Physics, Aspen, CO, USA

Talk Contribution: 'Quasar Variability - Selection of and Physics in Quasars'

Intl. Conf.: 219th AAS meeting

08/01/2012 - 12/01/2012

Austin, TX, USA

Dissertation Talk Contribution: 'Quasar Variability - Selection of and Physics in Quasars' [ADS](#)

Intl. Conf.: 'Watching Galaxies Grow Up'

05/12/2011 - 09/12/2011

Ringberg Castle, Kreuth, Germany

Invited Talk Contribution: 'Star Formation in Mergers at $z \sim 1.5$ '

MPIA Galaxy & Cosmology Department Retreat

17/10/2011 - 19/10/2011

Neuwied, Germany

Talk Contribution: ‘Star Formation Maps and Mergers at $z \sim 1.5$ ’

3D-HST meeting

10/10/2011 - 14/10/2011

University of Leiden, Leiden, The Netherlands

Talk Contribution: ‘Star Formation in High- z Mergers’

ELIXIR annual meeting

05/10/2011 - 06/10/2011

CAB - Centro de Astrobiología, Madrid, Spain

Talk Contribution: ‘Frontiers of Galaxy Formation: 3D Spectroscopy and Time-Domain Observations’

Intl. Conf.: ‘Galaxy Formation’

18/06/2011 - 22/06/2011

Durham University, Durham, UK

Poster Contribution: ‘Emission Line Maps of Galaxies at $z \sim 1.7$ ’ [PDF](#)

ELIXIR School: How a Space Project Works

20/05/2011 - 21/05/2011

ESTEC, Noordwijk, The Netherlands

3D-HST meeting

06/05/2011 - 12/05/2011

University of Yale, New Haven, CT, USA

Talk Contribution: ‘Emission Line Mapping of (Potential) Mergers’

3D-HST meeting

03/03/2011 - 07/03/2011

University of Leiden, Leiden, The Netherlands

Talk Contribution: ‘Emission Line Maps of $z \sim 1$ Galaxies’

Slitless Spectroscopy Workshop

15/11/2010 - 16/11/2010

STScI, Baltimore, MD, USA

ELIXIR annual meeting

03/11/2010 - 05/11/2010

IAP, Paris, France

Talk Contribution: ‘Galaxy Dynamics with NIRSpec’

3D-HST meeting

13/09/2010 - 15/09/2010

University of Yale, New Haven, CT, USA

Summer School: ‘First Stars & Cosmic Reionization’

06/09/2010 - 10/09/2010

IMPRS Heidelberg, Heidelberg, Germany

Pan-STARRS1 Science Consortium Meeting

30/08/2010 - 03/09/2010

Queens University, Belfast, Northern Ireland

Talk Contribution: ‘(QSO) Variability Selection Training’

Intl. Conf.: ‘The First Galaxies, Quasars and Gamma-Ray Bursts’

06/06/2010 - 10/06/2010

Pennsylvania State University, State College, PA, US

Poster Contribution: ‘Selecting Quasars via Variability’ [PDF](#)

ELIXIR School: ‘The JWST/NIRSpec project’

31/05/2010 - 02/06/2010

EADS/Astrium GmbH, Ottobrunn, Germany

IMPRS science retreat

26/05/2010 - 28/05/2010

Cologne, Germany

Talk Contribution: ‘Quasar Candidate Selection Via Variability’

MPIA Galaxy & Cosmology Department Retreat

21/04/2010 - 23/04/2010

Maulbronn, Germany

Talk Contribution: ‘QSO Variability Selection’

ELIXIR annual meeting University of Oxford, UK <i>Talk Contribution: ‘Quasar Variability and High-z Mergers’</i>	10/12/2009 - 11/12/2009
IAU Symposium 267: ‘Evolution of Galaxies and Central Black Holes’ IAU XXVII General Assembly, Rio de Janeiro, Brazil <i>Poster Contribution: ‘Detecting Quasars by their Variability’</i> PDF <i>Proceedings IAU Symposium No. 267, 2009, p. 265</i>	10/08/2009 - 14/08/2009
Pan-STARRS IPP workshop Institute for Astronomy, University of Hawaii	18/05/2009 - 22/05/2009
Intl. Conf.: ‘Classification and Discovery in Large Astronomical Surveys’ Max Planck Institute for Astronomy, Heidelberg	14/10/2008 - 17/10/2008
Intl. Conf.: ‘Dark Matter Workshop’ Dark Cosmology Center, University of Copenhagen	20/08/2007 - 24/08/2007

Talks/Presentations

‘The Epoch of Reionization Through GLASS Spectroscopy at $z > 6$’ Astronomy Seminar, University of California Riverside, Riverside, CA, USA	19/11/2014
‘Investigating the Epoch of Reionization with Keck and GLASS Spectroscopy’ Carnegie Colloquium, Carnegie Observatories, Pasadena, CA, USA	07/10/2014
‘GLASS: Dissecting Reionization and $z \sim 2$ Galaxies’ Coffee Talk, MPIA, Heidelberg, Germany	17/07/2014
‘GLASS: Probing Galaxies at the Epoch of Reionization ($z > 6$)’ Lunch Talk, Leiden Observatory, Leiden, The Netherlands	16/07/2014
‘GLASS: Probing Galaxies at the Epoch of Reionization ($z > 6$)’ Lunch Talk, Royal Observatory of Edinburgh, Edinburgh, Scotland	07/07/2014
‘GLASS: Probing Galaxies at the Epoch of Reionization ($z > 6$)’ Lunch Talk, DARK Cosmology Center, University of Copenhagen, Denmark	25/06/2014
‘The Brightest of Reionizing Galaxies (BoRG) survey: The $z \sim 8$ luminosity function and spectroscopic follow-up’ Cosmology Seminar, University of California Davis, Davis, CA, USA	21/11/2013
‘The Brightest of Reionizing Galaxies (BoRG) survey: The $z \sim 8$ luminosity function and spectroscopic follow-up with MOSFIRE’ Galaxy Formation Seminar, University of California Berkeley, Berkeley, CA, USA	19/11/2013
‘The Brightest of Reionizing Galaxies Survey: Luminosity Function at $z \sim 8$ and Spectroscopic Follow-Up’ Galaxy Evolution Seminar, Institute of Astronomy, Cambridge, UK	13/09/2013
‘Quasar Variability - Selection of and Physics in Quasars’ AGN Group Talk, STScI, Baltimore, MD, USA	27/01/2012
‘Star formation in Mergers at $z \sim 1.5$’ Galaxy Group Talk, STScI, Baltimore, MD, USA	27/01/2012

‘Quasar Variability - Selection of and Physics in Quasars’ Lunch Talk, University of California Santa Barbara, Santa Barbara, CA, USA	20/01/2012
‘Star formation in Galaxy Mergers at $z \sim 1.5$’ Lunch Talk, University of Washington, Seattle, WA, USA	17/01/2012
‘Quasar Variability - Selection of and Physics in Quasars’ Lunch Talk, Carnegie Observatories, Pasadena, CA, USA	06/01/2012
‘Selecting QSOs via variability (in PS1)’ Gaia classification meeting, MPIA, Heidelberg, Germany	02/02/2011
‘Finding Lenses With Quasar Variability’ LiHD - Lensing in Heidelberg. Monthly Gravitational Lensing Session, Heidelberg, Germany	31/03/2010
‘Variability Selection of Quasars’ MPIA, Heidelberg, Germany	10/02/2010
‘Finding Gravitationally lensed QSOs in Pan-STARRS (and SDSS)’ IMPRS seminar, University of Heidelberg, Germany	18/06/2009
‘Dark Matter Structures were not that Trivial’ Lunch Talk, University of California Santa Barbara, Santa Barbara, CA, USA	13/02/2009
‘Dark Matter Structures - Rotation and Jeans’ MPIA, Heidelberg, Germany	15/05/2008
‘Angular Momentum of Dark Matter Structures’ Dark Cosmology Centre, University of Copenhagen, Denmark	17/01/2008