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- Yates, R., J. Bolmer and J. Greiner: GRB 150915A: GROND detection of an optical counterpart candidate. GCN Circ. 18317 (2015).
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- Zhang, B.-B. and A. von Kienlin: GRB 150424B: Fermi GBM detection. GCN Circ. 17753 (2015).
- Zhang, B.-B., A. von Kienlin and L.P. Singer: GRB 150512A: Fermi GBM detection. GCN Circ. 17811 (2015).

Poster

- Alves, F. et al.: A Magnetized Prestellar Core: Polarization and Kinematics, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Alves, F. et al.: Center for Astrochemical Studies, Lange Nacht der Wissenschaften 2015, Garching, Germany, June 2015.
- Carpano, S. et al.: Screening and validation of EXTrAS data products, The first Scientific Conference dedicated to the Athena X-ray Observatory, Madrid, Spain, September 2015.
- Chacón-Tanarro, Ana et al.: Observational studies of pre-stellar cores and dust evolution just before star formation, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Choudhury, R. et al.: Astrochemistry as a probe of initial conditions of high-mass pre-stellar clumps, The 6th Zermatt ISM Symposium: Conditions and Impact of Star Formation From Lab to Space, Zermatt, Switzerland, September 2015.
- Choudhury, R. et al.: Chemical evolution in high-mass pre-stellar clumps: a MALT90 study, The Soul of High-Mass Star Formation Conference, Puerto Varas, Chile, March 2015.
- De Marco, B. et al.: X-ray Reverberation with Athena, Exploring the Hot and Energetic Universe: The first Scientific Conference dedicated to the Athena X-ray Observatory, Madrid, Spain, September 2015.
- Goto, M. et al.: Infrared Absorption Spectroscopy of NGC 7538 IRS 1 - H₂ and Co, The 6th Zermatt ISM Symposium Conditions and Impact of Star Formation From Lab to Space, Zermatt, Switzerland, September 2015.
- Graciá Carpio, J. et al.: The JScanam Map-Maker Method Applied to Herschel/PACS Photometer Observations, Astronomical Data Analysis Software and Systems (ADASS) conference: ADASS XXV, Sydney, Australia, October 2015.
- Hofmann, F. et al.: Galaxy Cluster Substructure Study with Chandra, SnowCluster 2015 - The Physics of Galaxy Clusters, Salt Lake City, United States, March 2015.
- van Dishoeck, E.F. et al.: Water in star-forming regions with Herschel, IAU General Assembly, Honolulu, USA, August 2015.
- von Kienlin, A.: Search for nuclear gamma-ray line emission from astrophysical sources in the GBM continuous spectral data - an update, Sixth International Fermi Symposium, Washington (DC), USA, November 2015.
- von Kienlin, A.: Using GRBs to cross-calibrate Fermi/GBM and INTEGRAL/SPI, Sixth International Fermi Symposium, Washington, DC, USA, November 2015.
- Laas, J. et al.: Improving Gas-Grain Models of Oxygen and Sulfur, COST Action Our Astrochemical History: First General Meeting, Prague, Czech Republic, May 2015.
- Laas, J. et al.: On the Sulfur Depletion: Toward a More Complete Gas/Grain Model, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Lippa, M. et al.: Astronomical Interferometry - Inelastic scattering effects in optical fibers, EIROforum School on Instrumentation, Garching, Germany, June 2015.
- Lippa, M. et al.: The GRAVITY Metrology System, VLTI Summer School, Cologne, Germany, September 2015.
- Lutz, D.: The far-infrared view of galaxy evolution: Status and questions, Exploring the universe with JWST, Noordwijk, The Netherlands, October 2015.
- Opitsch, M. et al.: The 2D Stellar and Gas Kinematics in the Central Region of M31, Frontiers of Stellar Spectroscopy in the Local Group and Beyond, Heidelberg, Germany, April 2015.
- Opitsch, M. et al.: The Detailed Stellar and Gas Kinematics in the Central Region of M31, A 3D View on Galaxy Evolution: from Statistics to Physics - MPIA Summer Conference 2015, Heidelberg, Germany, July 2015.
- Portail, M. et al.: Structure and dynamics of the Galactic Bulge and Bar, Gaia-ESO Survey Third Science Meeting, Vilnius, Lithuania, December 2015.
- Punanova, A. et al.: Deuterium Fractionation in the Taurus Molecular Cloud, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Sokolov, V. et al.: Probing the Evolutionary Stages of Infrared Dark Cloud Cores, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Spezzano, S. et al.: The deuteration of linear and cyclic C₃H₂, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Szűcs, L. et al.: Losing track of the time: the chemical clock of prestellar core evolution in hydrodynamic simulation, The 6th Zermatt ISM Symposium, Zermatt, Switzerland, September 2015.
- Vasilopoulos, G. et al.: Optical photometry of the low mass X-ray binary V404 Cyg during the June 2015 outburst. The 12th Hellenic Astronomical Conference, Thessaloniki, Greece, July 2015 .
- Yu, Hoi-Fung et al.: The Fermi GBM gamma-ray burst time-resolved spectral catalog: brightest bursts in the first four years, Sixth International Fermi Symposium, Washington D.C., U.S.A., November 2015.

Talks

- Alves, F.: Multi-wavelength polarimetry as a tool for studying interstellar dust, contributed talk, Mini workshop on dust, Garching, Germany, June 2015.
- Alves, F.: Polarization studies in clouds and cores, invited talk, Chemical Diagnostics of Star and Planet Formation with Cycle 3 ALMA, Garching, Germany, January 2015.
- Alves, F.: Lupus 1: a young filament in a magnetized dynamical regime, contributed talk, Structure of filaments in molecular clouds and their relation to the star-formation processes, Munich, Germany, March 2015.
- Alves, F.: Starlight polarization of star-forming regions, invited talk, ISM Jam @ IAS (Institut d'Astrophysique Spatiale), Orsay, France, June 2015.
- Ballone, A.: Physics of the Galactic Center cloud G2, colloquium, ESO seminar, Santiago, Chile, November 2015.
- Ballone, A.: Physics of the Galactic Center cloud G2, colloquium, seminar at the Instituto de Astrofísica, Pontificia Universidad Católica, Santiago, Chile, November 2015.
- Ballone, A.: The nature and fate of G2: 3D hydrodynamical simulations of the compact source scenario, contributed talk, European Week of Astronomy and Space Science (EWASS) 2015, Tenerife, Spain, June 2015.
- Ballone, A.: The nature and fate of G2: 3D hydrodynamical simulations of the compact source scenario, contributed talk, From the First Quasars to Life-Bearing Planets, From Accretion Physics to Astrobiology, Annual meeting of the German Astronomical Society (AG) 2015, Kiel, Germany, September 2015.
- Becker, W.: An Interplanetary GPS Using Pulsar Signals, invited talk, Munich Satellite Navigation Summit, Munich, Germany, March 2015.
- Becker, W.: Autonomous Spacecraft Navigation with Pulsars, colloquium, Colloquium of the physics department of the Justus-Liebig-University Giessen, Giessen, Germany, January 2015.
- Becker, W.: Autonomous Spacecraft Navigation with Pulsars, invited talk, STARS2015 - Third Caribbean Symposium on Cosmology, Gravitation, Nuclear and Astroparticle Physics, Havana, Cuba, May 2015.
- Becker, W.: Der Stern von Bethlehem aus astronomischer Sicht, public talk, Weihnachtsvorlesung an der Ludwig-Maximilians Universität, Munich, Germany, December 2015.
- Becker, W.: Autonomous Spacecraft Navigation with Pulsars, invited talk, Workshop on High Performance Clocks in Space Science, Bern, Switzerland, December 2015.
- Berta, S.: Dust and Gas in high-z galaxies as seen by Herschel (and beyond) - testing our ignorance, contributed talk, MIAPP workshop: Star Formation History of the Universe, Garching, Germany, August 2015.
- Berta, S.: Dust and Gas in high-z galaxies as seen by Herschel (and beyond), contributed talk, Gas, Dust, and Star-Formation in Galaxies from the Local to Far Universe, Platanias, Crete (Greece), May 2015.
- Berta, S.: Properties of galaxies along/across the MS of star formation, contributed talk, MIAPP workshop: Star Formation History of the Universe, Garching, Germany, August 2015.
- Berta, S.: Testing our ignorance in measuring dust (gas) masses, contributed talk, Modelling galaxies through cosmic times, Cambridge, United Kingdom, September 2015.
- Berta, S.: The ALMA legacy of Herschel deep surveys, contributed talk, ALMA-Herschel archival workshop 2015, Garching, Germany, April 2015.
- Boller, Th.: 4MOST Survey Simulation and Survey Optimization, contributed talk, 4MOST All-Hands-Meeting, Cambridge, Great Britain, September 2015.
- Boller, Th.: Anfang und Ende des Universums, public talk, Rotary Club Munich Pullach, Munich, Germany, November 2015.
- Boller, Th.: Black Hole Imaging as GR tests for the pseudo-complex GR theory, invited talk, New Horizons in Physics, Makutsi Safari Farm, South Africa, November 2015.
- Boller, Th.: Dunkle Materie, Dunkle Energie, Die Entwicklung des Universums, public talk, Rotary Club Munich Level, Munich, Germany, April 2015.
- Boller, Th.: Unser Sonnensystem, public talk, OMG Gymnasium Neufahrn, Neufahrn, Germany, October 2015.
- Burkert, A.: Der Mond, public talk, Petershausen, Germany, January 2015.
- Burkert, A.: Galactic Gas Flows and the Surprising Inefficiency of Star Formation, colloquium; CfA, Harvard, Cambridge, USA, January 2015.
- Burkert, A.: Dark Matter Scaling Relations in Dwarf Spheroidal Galaxies, colloquium, CfA, Harvard, Cambridge, USA, January 2015.
- Burkert, A.: Urknall und Sternenstaub, public talk, Tournee: "Astronomy and Music" at four locations, Germany, February 2015.
- Burkert, A.: Die dunkle Seite des Universums, public talk, Cham, Germany, March 2015.
- Burkert, A.: Dark Matter Scaling Relations in Dwarf Galaxies, invited talk, Ringberg, Germany, April 2015.
- Burkert, A.: Fragmenting Filaments, invited talk, SPP Workshop, Freising, Germany, April 2015.
- Burkert, A.: Kometen, public talk, Petershausen, Germany, April 2015.
- Burkert, A.: Dwarf Galaxies, invited talk, MIAPP Workshop, Garching, Germany, May 2015.
- Burkert, A.: Watching a Tiny Gas Cloud on its Way into the Galactic Supermassive Black Hole, invited talk, ASTRON NAC Conference, Nunspeet, The Netherlands, May 2015.

- Burkert, A.: Physics of Self-Regulated Star Formation, colloquium, Vienna, Austria, May 2015.
- Burkert, A.: Massive Clumps in High-Redshift Galaxies, invited talk, IGM at 50, Spineto, Italy, June 2015.
- Burkert, A.: Glaube und Wissenschaft: Faszination Universum, public talk, Schoenblick, Germany, June 2015.
- Burkert, A.: Dark Matter Scaling Relations in Galaxies, invited talk, Santa Cruz Summer Workshop, Santa Cruz, USA, August 2015.
- Burkert, A.: Our Mysterious Moon, public talk, Lick Observatory, CA, USA, August 2015.
- Burkert, A.: Chemodynamical Models of Galaxy Formation, invited talk, Hensler Retirement Symposium, Vienna, Austria, September 2015.
- Burkert, A.: Unser geheimnisvoller Mond, public talk, Munich, Germany, October 2015.
- Burkert, A.: The Assembly of Galaxies, invited talk, ESTEC, Leiden, The Netherlands, October 2015.
- Burkert, A.: Schwarze Locher: Im Strudel aus Raum und Zeit, public talk, Murnau, Germany, October 2015.
- Burkert, A.: Urknall und Sternenstaub, public talk, Tournee: "Astronomy and Music" at four locations, Germany, November 2015.
- Burkert, A.: Urknall und Sternenstaub, public talk, Bensheim, Germany, December 2015
- Burtscher, L.: A diversity of dusty tori – A very close look at Active Galactic Nuclei in the infrared, colloquium, Physics colloquium, Instituto de Fisica UFRGS, Porto Alegre, Brazil, Porto Alegre, Brazil, May 2015.
- Burtscher, L.: Obscuration in AGNs – Near-infrared luminosity relations and dust colors, contributed talk, TORUS 2015 conference, Winchester, Great Britain, September 2015.
- Burwitz, V.: AHEAD WP8 Joint Research Activity: Characterization of optics for next generation X-ray observatories, invited talk, AXRO 2015: International workshop on Astronomical X-Ray Optics, Prague, Czech Republic, December 2015.
- Burwitz, V.: The eROSITA X-ray Telescope on the Spektr-Rentgen-Gamma (SRG) Mission, contributed talk, SPIE Optics and Photonics: UV, X-Ray, and Gamma-Ray Space Instrumentation for Astronomy XIX, San Diego, USA, August, 2015.
- Burwitz, V.: The eROSITA X-ray Telescope on the Spektr-Rentgen-Gamma (SRG) Mission: Calibrating the Mirrors and Detectors, invited talk, High Energy Astrophysics Today and Tomorrow, Moscow, Russia, December 2015.
- Caselli, P.: Astrochemistry and the first steps toward star and planet formation, colloquium, NRAO, Socorro, United States, November 2015.
- Caselli, P.: Astrochemistry and the first steps toward star and planet formation, colloquium, ETH Zurich, Astronomy Institute, Zurich, Switzerland, May 2015.
- Caselli, P.: Astrochemistry and the first steps toward star and planet formation, colloquium, INAF-Osservatorio Astronomico di Roma, Rome, Italy, March 2015.
- Caselli, P.: Astrochemistry and the first steps toward star and planet formation, colloquium, Max-Planck-Institute for Physics, Munich, Germany, May 2015.
- Caselli, P.: Astrochemistry with SOFIA, invited talk, Ringberg workshop of spectroscopy with the Stratospheric Observatory for Infrared Astronomy (SOFIA), Ringberg, Germany, March 2015.
- Caselli, P.: Chemistry in low-mass star forming regions, invited talk, 6th Zermatt ISM Symposium: conditions and impact of star formation from lab to space, Zermatt, Switzerland, September 2015.
- Caselli, P.: Herschel and ALMA synergy from the ISM to planet forming regions, invited talk, ALMA/Herschel archival workshop 2015, Garching, Germany, April 2015.
- Caselli, P.: Our astrochemical origins, contributed talk, New Mexico Symposium, Socorro, United States, November 2015.
- Caselli, P.: Our astrochemical origins, public talk, Max-Planck-Institute for Extraterrestrial Physics, Garching, Germany, June 2015.
- Caselli, P.: The inner 1000 AU of prestellar cores, contributed talk, Chemical diagnostics of star and planet formation with Cycle 3 ALMA, Garching, Germany, January 2015.
- Caselli, P.: Water, ammonia, methanol and complex molecules in the earliest phases of star formation, contributed talk, Focus meeting 15: Observation of water in the Universe, IAU XXIX general assembly, Honolulu, United States, August 2015.
- Clerc, N.: Galaxy cluster cosmology from X-ray surveys of the hot and energetic Universe, invited talk, XXIXth IAU General assembly - Focus Meeting 6: X-ray surveys of the hot and energetic cosmos, Honolulu, USA, August 2015.
- Davies, R.: Active and Inactive Galaxy Nuclei in the Near-Infrared, invited talk, XVII Advanced School on Astrophysics: 3D Spectroscopy & Spectral Synthesis, Sao Paulo, Brazil, November 2015.
- Davies, R.: An Observational Perspective on the Drivers of Torus Evolution, invited talk, Torus 2015, Winchester, UK, September 2015.
- Davies, R.: MICADO: science opportunities with the first light imager, invited talk, Early E-ELT Science: Spectroscopy with HARMONI, Oxford, UK, June 2015.
- Davies, R.: Resolved Stellar Populations with Visible Adaptive Optics on the VLT, contributed talk, ESO in the 2020s, Garching, Germany, January 2015.
- Davies, R.: Where do Seyferts get their Gas?, contributed talk, Let's Group: The life cycle of galaxies in their favorite environment, Garching, Germany, June 2015.
- De Marco, B.: Reverberation lags in black hole X-ray binaries, contributed talk, EWASS 2015, Tenerife, Spain, July 2015.
- De Marco, B.: Reverberation lags in black hole X-ray binaries, contributed talk, The Extremes of Black Hole Accretion, Madrid, Spain, June 2015.
- De Marco, B.: Reverberation lags in black hole X-ray bi-

naries, invited talk, From the Dolomites to event horizon: Sledging ledging down the Black Hole potential well, Sesto Val Pusteria, Italy, July 2015.

De Marco, B.: X-ray reverberation: a tool to unveil the inner regions of accreting black holes, colloquium, Astronomy group - University of Bristol, Bristol, UK, February 2015.

De Marco, B.: X-ray reverberation: a tool to unveil the inner regions of accreting black holes, colloquium, OPINAS group at MPE, Munich, Germany, March 2015.

De Marco, B.: X-ray reverberation: a tool to unveil the inner regions of accreting black holes, colloquium, SRON Netherlands Institute for Space Research, Utrecht, The Netherlands, February 2015.

Dennerl, K.: Observational Charge Exchange Challenges, invited talk, Charge Exchange X-rays in Current and Future Astrophysical Researches, Cambridge, USA, April 2015.

Dennerl, K.: The energy dependent pulse profiles of accreting magnetars, invited talk, The many faces of neutron stars: Neutron star magnetic fields, origin and evolution, magnetar physics (MIAPP), Garching, Germany, September 2015.

Dennerl, K.: X-ray imaging of solar system bodies, invited talk, Eighth International workshop on Astronomical X-Ray Optics, Prague, Czech Republic, December 2015.

Dexter, J.: Event Horizon Scale Emission Models of Sagittarius A*, colloquium, Radboud University Nijmegen, Nijmegen, Netherlands, June 2015.

Dexter, J.: Exploring Strong Gravity in the Galactic Center, colloquium, Max Planck Institute for Radio Astronomy, Bonn, Germany, September 2015.

Dexter, J.: Exploring Strong Gravity in the Galactic Center, colloquium, University of Maryland, College Park, USA, November 2015.

Dexter, J.: Exploring Strong Gravity in the Galactic Center, invited talk, Fall meeting of the Astronomische Gesellschaft, Kiel, Germany, September 2015.

Dexter, J.: Imaging a Black Hole Shadow with the Event Horizon Telescope, colloquium, Paris Observatory, Paris, France, February 2015.

Dexter, J.: Missing Pulsars in the Galactic Center, colloquium, Harvard ITC, Cambridge, USA, November 2015.

Dexter, J.: Strong Gravity from Interferometric Observations of Sgr A*, invited talk, 14th Marcell Grossmann Meeting, Rome, Italy, July 2015.

Dexter, J.: Visualizing and observing black hole event horizons, invited talk, Interdisciplinary cluster workshop on visualization hosted by Universe Cluster, Garching, Germany, November 2015.

Diehl, R.: Conference summary: Nuclear physics in astrophysics, invited talk, Intl. Conf. "Nuclear Physics in Astrophysics" VII, York, United Kingdom, May 2015.

Diehl, R.: First gamma rays from a SN Ia: SN2014J, invited talk, European Week of Astrophysics and Space Sci-

ence (EWASS), La Laguna, Tenerife/Spain, June 2015.

Diehl, R.: First gamma rays from a SN Ia: SN2014J, invited talk, Marcel Grossmann Conference on Relativistic Astrophysics, Rome, Italy, July 2015.

Diehl, R.: Lessons from observations of cosmic gamma rays, invited talk, Summer School on Experimental Nuclear Astrophysics, Santa Tecla, Italy, September 2015.

Diehl, R.: New insights about massive star groups, contributed talk, Research Day RA-G, Excellence Cluster "Origins and evolution of the Universe", Garching, Germany, July 2015.

Diehl, R.: New insights from cosmic gamma rays, colloquium, Florida State University, Tallahassee, FL, USA, Gainesville, USA, January 2015.

Diehl, R.: New insights from cosmic gamma rays, colloquium, Osservatorio Astronomico de Trieste, Trieste, Italy, February 2015.

Diehl, R.: New insights from cosmic gamma rays, colloquium, Physics Department, University of Regensburg, Regensburg, Germany, July 2015.

Diehl, R.: New insights from cosmic gamma rays, colloquium, University of Florida, Gainesville, FL, USA, Gainesville, USA, January 2015.

Diehl, R.: New insights from cosmic gamma rays, invited talk, JINA Conference "Frontiers in Nuclear Astrophysics", East Lansing, USA, March 2015.

Diehl, R.: New insights from cosmic gamma rays, invited talk, Winter School on Nuclear Astrophysics, Russbach, Austria, March 2015.

Diehl, R.: New insights on SN Ia: Gamma-ray lines from SN2014J, invited talk, American Physics Society Conference, Baltimore, USA, April 2015.

Diehl, R.: Observational nuclear astrophysics, invited talk, University of Sao Paulo USP, Physics Department, Sao Paulo, Brazil, April 2015.

Diehl, R.: Origin and evolution of chemical elements: Overview Research Area G, invited talk, Science Week of the Excellence Cluster "Origin and evolution of the universe", Garching, Germany, December 2015.

Diehl, R.: Pair plasma in recent V404 Cygni observations, contributed talk, INTEGRAL Science Workshop, Rome, Italy, October 2015.

Diehl, R.: Radioactive ejecta surveys, contributed talk, MIAPP Workshop "The new milky way", Garching, Germany, May 2015.

Diehl, R.: Radioactive isotopes from cosmic nucleosynthesis: water-controlling heat sources?, invited talk, COSPAR Symposium "Water in the universe", Foz do Iguacu, Brazil, November 2015.

Diehl, R.: Telescopes for cosmic gamma rays, invited talk, Summer School on Experimental Nuclear Astrophysics, Santa Tecla, Italy, September 2015.

Diehl, R.: Tracing ejecta with gamma rays, invited talk, Research Day RA-F, Excellence Cluster "Origin and evolution of the Universe", Garching, Germany, July 2015.

- Diehl, R.: Wie kommt das Eisen in unser Blut?, public talk, Campus Talks, ARD-Alpha, Munich, Germany, October 2015.
- Eisenhauer, F.: Optical/IR Facilities, invited talk, Perspectives of Astrophysics in Germany 2015-2030, Potsdam, Germany, December 2015.
- Eisenhauer, F.: The Centre of the Milky Way, invited talk, ESO in the 2020s, Garching, Germany, January 2015.
- Endres, C.P.: Status report from the CAS laboratories at MPE, invited talk, Laboratory Astrophysics Workshop Heidelberg 2015, Heidelberg, Germany, October 2015.
- Förster Schreiber, N. M.: Galaxy Evolution at the Peak Epoch of Cosmic Star Formation: Insights from Spatially- and Spectrally-Resolved Studies, colloquium, Osservatorio Astrofisico di Arcetri, Florence, Italy, September 2015.
- Förster Schreiber, N. M.: Galaxy evolution at the peak epoch of cosmic star formation, invited talk, 1st Carnegie Searle Symposium: Understanding Nebular Emission in High-Redshift Galaxies, Pasadena, U.S.A., July 2015.
- Förster Schreiber, N. M.: Galaxy evolution at the peak epoch of cosmic star formation, invited talk, Early E-ELT Science: Spectroscopy with HARMONI, Oxford, United Kingdom, July 2015.
- Förster Schreiber, N. M.: Galaxy evolution at the peak epoch of cosmic star formation: Insights from Spatially- and Spectrally-Resolved Studies, invited talk, Annual Meeting of the Astronomische Gesellschaft: From the First Quasars to Life-Bearing Planets - From Accretion Physics to Astrobiology, Kiel, Germany, September 2015.
- Förster Schreiber, N. M.: Galaxy evolution from spatially and spectrally resolved studies: 3D-HST and IFUs synergies, invited talk, Census, Evolution, Physics, New Haven, U.S.A., November 2015.
- Förster Schreiber, N. M.: Galaxy evolution, invited talk, ESO in the 2020s, Garching, Germany, January 2015.
- Förster Schreiber, N. M.: Galaxy evolution, invited talk, Rainbows on the Southern Sky: the legacy value of ESO Public Survey and Large Programmes, Garching, Germany, October 2015.
- Förster Schreiber, N. M.: In-situ view of massive star-forming galaxies and their evolution at the peak epoch of cosmic star formation, invited talk, EWASS Symposium 3: Deconstructing Massive Galaxy Formation, La Laguna, Tenerife, Spain, June 2015.
- Förster Schreiber, N. M.: In-situ view of star-forming galaxies at cosmic noon, invited talk, IAU XXIX General Assembly Focus Meeting 7: Stellar Physics in Galaxies throughout the Universe, Honolulu, Hawaii, U.S.A., August 2015.
- Förster Schreiber, N. M.: Massive Galaxy Evolution at the Peak Epoch of Cosmic Star Formation: the Warm Gas and Stellar Perspective, colloquium, National Astronomical Observatory of Japan, Mitaka, Tokyo, Japan, April 2015.
- Fossati, M.: MUSE and KMOS sneek a peak at the role of environment across cosmic times, invited talk, Galaxy evolution and environment 4, Naples, Italy, December 2015.
- Fossati, M.: MUSE sneaks a peek at extreme ram pressure stripping events, invited talk, The Life and Death of Satellite Galaxies, Lorentz Center, Leiden, Netherland, May 2015.
- Fossati, M.: The growth of Galaxies at $z = 1 - 2.5$. A KMO-S^{3D} perspective, contributed talk, GDSF: Gas, Dust and Star Formation, Chania, Greece, May 2015.
- Fossati, M.: The growth of star forming galaxies across environments and cosmic time. Results from KMOS^{3D}, contributed talk, In the Footsteps of Galaxies: Tracing the Evolution of Environmental Effects, Soverato, Italy, September 2015.
- Fossati, M.: The role of environment on the growth of galaxies at $z = 1 - 2.5$ from the KMOS^{3D} survey, contributed talk, The Many Pathways to Galaxy Growth, Prato, Italy, June 2015.
- Friedrich, P.: Entwicklung einer Röntgenblende mit Hilfe von Lasertechnologie für das eROSITA Teleskop, public talk, 5. Technologie-Forum der LaserJob GmbH, Fürstfeldbruck, Germany, April 2015.
- Genzel, R.: Massereiche Schwarze Löcher und Galaxien, public talk, Open House Day „Lange Nacht der Wissenschaften“ (Long Night of Sciences), Garching, Germany, June 2015.
- Genzel, R.: Massive Black Holes and the Evolution of Galaxies, colloquium, Physics Colloquium, Goethe University, Frankfurt, Germany, December 2015.
- Genzel, R.: Testing the Massive Black Hole Paradigm in the Center of the Milky Way, invited talk, Conference "A Century of General Relativity - The 100th Anniversary of Einstein's Field Equations", Max Planck Institute for Gravitational Physics (Albert Einstein Institute), Berlin, Germany, December 2015.
- Genzel, R.: Angular Momenta, Baryon Fractions and Outflows in KMOS-3D/SINS Star Forming Disks at $z=1-3$, invited talk, Santa Cruz Galaxy Workshop, University of Santa Cruz, Santa Cruz, USA, August 2015.
- Genzel, R.: Eulogy of Charles Hard Townes, invited talk, CHT Memorial, Berkeley Congregational Church, Berkeley, USA, February 2015.
- Genzel, R.: Massereiche Schwarze Löcher – die gigantischen Zentren der Galaxien, invited talk, Urania e.V. Berlin, Berlin, Germany, December 2015.
- Genzel, R.: Massive Black Holes and the Evolution of Galaxies, invited talk, 26th Solvay Conference on Physics "Astrophysics and Cosmology" on "100 Years of General Relativity", Brussels, Belgium, November 2015.
- Genzel, R.: Massive Black Holes and the Evolution of Galaxies, invited talk, Poincaré Seminar, Henri Poincaré Institute, Paris, France, November 2015.
- Genzel, R.: Massive Black Holes, colloquium, Physics Colloquium, Technion - The Israel Institute of Technology, Haifa, Israel, April 2015.
- Genzel, R.: Massive Black Holes, invited talk, 100 Jahre Allgemeine Relativitätstheorie, ETH Zurich, Zurich, Switzerland, November 2015.

- Genzel, R.: Overview of MPE Infrared Research, invited talk, National Astronomical Observatory of Japan, Tokyo, Japan, March 2015.
- Genzel, R.: Star Forming Disk Galaxies at the Peak of Galaxy Formation, invited talk, "IGM at 50 – Is the Inter-galactic Medium Driving Star Formation?", Osservatorio Astrofisico di Arcetri, Spineto Abbey, Tuscany, Italy, June 2015.
- Genzel, R.: The Formation and Evolution of Massive Galactic Discs, invited talk, Prize Lecture, Harvey Prize in Science and Technology for the year 2014, Technion - The Israel Institute of Technology, Haifa, Israel, April 2015.
- Genzel, R.: The Formation and Evolution of Massive Star Forming Disk Galaxies, invited talk, IAU Symposium 319: "Galaxies at High Redshift and Their Evolution Over Cosmic Time", Honolulu, Hawaii, USA, August 2015.
- Genzel, R.: The Formation and Evolution of Massive Star Forming Disks, invited talk, Thomas Gold Lecture (Astronomy Colloquium), Ithaca, USA, October 2015.
- Genzel, R.: The Galactic Center Massive Black Hole, invited talk, DPG (German Physical Society) Spring Meeting, Fachverband Gravitation und Relativitätstheorie, Berlin, Germany, March 2015.
- Genzel, R.: The Galactic Center Massive Black Hole, invited talk, Symposium "Symmetries and Phases in the Universe", Irsee, Germany, June 2015.
- Genzel, R.: The Galactic Center Massive Black Hole, invited talk, Thomas Gold Lecture (Physics Colloquium), Ithaca, USA, October 2015.
- Genzel, R.: The Galactic Center: A Unique Laboratory for Studying Fundamental Physical Processes Near Black Holes, invited talk, ESO Workshop "Rainbows on the Southern Sky", Garching, Germany, October 2015.
- Genzel, R.: The Quest for the Massive Black Hole in the Galactic Center, and Why Charlie knew It All Along, invited talk, Symposium "Lasers, Light and Legacy" in Honor of Charles Townes, University of California, Berkeley, USA, August 2015.
- Genzel, R.: The formation and evolution of massive galactic disks, colloquium, Astronomy Seminar, Technion - The Israel Institute of Technology, Haifa, Israel, April 2015.
- George, E. M.: Detecting Echoes from the Dawn of Time, public talk, Chaos Communications Camp, Zehdenick, Germany, August 2015.
- Gerhard, O.: One Long Milky Way Bulge and Bar, contributed talk, Heraeus Workshop Reconstructing the Milky Way, Bad Honnef, Germany, June 2015.
- Gerhard, O.: Stellar Orbits and Angular Momentum in Early-Type Galaxy Halos, invited talk, ESO Workshop Baryons at Low Densities: the Stellar Halos around Galaxies, Garching, Germany, February 2015.
- Gerhard, O.: The Galactic Bulge - is there still a Bulge, or only a Buckling Instability?, invited talk, MIAPP Workshop The New Milky Way, Garching, Germany, May 2015.
- Gerhard, O.: The Galactic Bulge and Bar, invited talk, Chemical and Dynamical Evolution of the Milky Way and Local Group, Sexten Center for Astrophysics, Sesto, Italy, January 2015.
- Gerhard, O.: The Milky Way, the Galactic Halo, and the Halos of Galaxies, invited talk, IAU Symposium 317, The General Assembly of Galaxy Halos: Structure, Origin, and Evolution, Honolulu, Hawaii, USA, August 2015.
- Gerhard, O.: The new Milky Way Bulge and Bar, colloquium, Mount Stromlo Obs., Austr. Nat. Univ., Canberra, Australia, November 2015.
- Gerhard, O.: The new Milky Way Bulge and Bar, colloquium, Sydney Inst. f. Astrophysics, Sydney, Australia, November 2015.
- Gerhard, O.: The new Milky Way Bulge and Bar, contributed talk, 3rd Gaia-ESO Science Meeting, Vilnius, Lithuania, December 2015.
- Gerhard, O.: The new Milky Way Bulge and Bar, invited talk, Excellence Cluster Science Week, Garching, Germany, November 2015.
- Gerhard, O.: The new Milky Way, colloquium, Univ of California Los Angeles, Los Angeles, USA, August 2015.
- Gillessen, S.: Feuerwerk um das Schwarze Loch im Zentrum der Milchstraße?, public talk, Astronomische Gesellschaft Buchloe, Buchloe, Germany, September 2015.
- Gillessen, S.: Feuerwerk um das Schwarze Loch im Zentrum der Milchstraße?, public talk, Sternwarte Gondelsheim, Gondelsheim, Germany, September 2015.
- Gillessen, S.: Sgr A* in the near-infrared, invited talk, EWASS 2015, La Laguna / Teneriffa, Spain, May 2015.
- Gillessen, S.: The Galactic Center: A stellar ballet and a gaseous scherzo, invited talk, Marcel Grossmann Meeting XIV, Rome, Italy, July 2015.
- Gillessen, S.: The Galactic Center - a unique astrophysical laboratory, colloquium, The Hebrew University of Jerusalem, Jerusalem, Israel, November 2015.
- Gillessen, S.: The Galactic Center - a unique astrophysical laboratory, colloquium, Universität Wuppertal, Wuppertal, Germany, December 2015.
- Gillessen, S.: The Galactic Center - a unique astrophysical laboratory, invited talk, 28th Texas Symposium on Relativistic Astrophysics, Geneva, Switzerland, December 2015.
- Gillessen, S.: The gas cloud G2 on its way around Sgr A* - an update -, invited talk, Black Holes in Dense Star Clusters, Aspen Center for Physics, Aspen, US, January 2015.
- Gillessen, S.: The power of astrometry in the Galactic Center, invited talk, Gaia for AGN and extragalactic science, GAGNES colloquium, Paris, France, July 2015.
- Gillessen, S.: The tidal disruption of the gas cloud G2 in the Galactic Center, invited talk, Jerusalem TDE Workshop, Jerusalem, Israel, November 2015.
- Gillessen, S.: World of Stars, public talk, Queen Eleanor Primary school, Northampton, UK, March 2015.
- Goto, M.: Protoplanetary disks in the E-ELT era, invited talk, Science and Technology with E-ELT International

- PhD School "F. Lucchin": Science and Technology with E-ELT XIV Cycle II Course, Sicily, Italy, October 2015.
- Grieb, J.N.: Anisotropic Clustering Measurements using Fourier Space Wedges and the status of the BOSS DR12 analysis, contributed talk, Corfu Summer Institute "Particles and the Universe" (TRR33 Corfu Workshop), Corfu, Greece, September 2015.
- Grieb, J.N.: Anisotropic Clustering Measurements using Fourier Space Wedges and the status of the BOSS DR12 analysis, contributed talk, Theoretical and Observational Progress on Large-scale Structure of the Universe (ESO, Garching), Garching, Germany, July 2015.
- Haberl, F.: Observations of proton cyclotron lines, invited talk, The many faces of neutron stars, Garching, Germany, September 2015.
- Haerendel, G.: Rosetta, erste Landung auf einem Kometen und was das MPE dazu beigetragen hat, colloquium, MPE, Garching, Germany, January 2015.
- Haerendel, G.: Electron acceleration in auroras and application to the sun, invited talk, ISSI Team on "Magnetic Waves in Solar Flares: Beyond the Standard Flare Model", ISSI, Bern, Switzerland, February 2015.
- Haerendel, G.: Raumsonde Rosetta: Verabredung mit einem Kometen, public talk, Ballonmuseum Gersthofen, Gersthofen, Germany, April 2015.
- Haerendel, G.: Rosetta und Philae: Begleitung und Besuch eines Kometen, public talk, Physik Modern, Ludwig-Maximilians-Universität, München, Germany, May 2015.
- Haerendel, G.: Interrelationship between electrostatic acceleration in the aurora and in solar flares, invited talk, IPELS 2015, Pitlochry, Scotland, August 2015.
- Haerendel, G.: Overcoming uncertainties in the relation between source and aurora, invited talk, Unsolved Problems in Magnetospheric Physics, Scarborough, UK, September 2015.
- Haerendel, G.: Fifty years of substorm research and its prospects, invited talk, 50th Anniversary of the Space Research Institute, Russian Academy of Sciences, IKI Moscow, Russia, October 2015.
- Haerendel, G.: Current sheet avalanche and substorm breakup, colloquium, Mullard Space Science Laboratory, UK, October 2015.
- Haerendel, G.: Kometenschweife, Polarlicht, Protuberanzen: Magnetische Kräfte formen faszinierende Gebilde im All, public talk, Österreichische Akademie der Wissenschaften, Wien, Austria, November 2015.
- Herrera Camus, R.: The [CII] 158 μm and [NII] 205 μm transitions as star formation tracers, contributed talk, Gas, Dust, and Star-Formation in Galaxies from the Local to Far Universe, Chania, Crete, Greece, May 2015.
- Hocuk, S.: Chemical interplay in dusty clouds, colloquium, Jet Propulsion Labs (JPL), Pasadena, USA, July 2015.
- Hocuk, S.: Gas-ice chemical interplay in interstellar clouds, contributed talk, 30 Years of Photodissociation Regions, Asilomar, USA, July 2015.
- Hocuk, S.: The role of ices in star-forming clouds, contributed talk, Conditions and Impact of Star Formation: From Lab to Space, Zermatt, Switzerland, September 2015.
- Hocuk, S.: The temperature of interstellar dust, colloquium, Kapteyn Astronomical Institute, Groningen, Netherlands, November 2015.
- Ivlev, A.: Impulsive Spot Heating and Thermal Explosion of Interstellar Grains Revisited, contributed talk, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Ivlev, A.: Statistical mechanics for nonreciprocal forces, invited talk, XXXV Dynamics Days Europe 2015, Exeter, England, September 2015.
- Ivlev, A.: Statistical mechanics where Newton's third law is broken, invited talk, 14th Workshop on the Physics of Dusty Plasmas, Auburn, USA, May 2015.
- Ivlev, A.: Two-dimensional complex plasmas: Equilibrium and non-equilibrium phenomena, invited talk, FISMAT 2015, Palermo, Italy, September 2015.
- Kanbach, G.: COS-B Mission Results, invited talk, COS-B 40th Reunion, ESTEC, Noordwijk, Netherlands, August 2015.
- Klecker, B.: Energetic particle ionic charge states: a clue to their sources and acceleration, colloquium, Swedish Institute of Space Physics (IRF), Kiruna, Sweden, March 2015.
- Klecker, B.: Solar energetic particles in the inner heliosphere, colloquium, Swedish Institute of Space Physics (IRF), Kiruna, Sweden, March 2015.
- Klecker, B.: The ionic charge of energetic particles in interplanetary space: a clue to their sources and acceleration, colloquium, Hefei University of Technology, Hefei, China, November 2015.
- Klecker, B.: Solar energetic particle ionic charge determination: direct and indirect methods, colloquium, National Space Science Center, Beijing, China, November 2015.
- Krause, M.G.H.: Deciphering the ISM around the Scorpius-Centaurus OB Association, contributed talk, ISM-SPP workshop, Freising, Germany, 30 April 2015.
- Krause, M.G.H.: Gas expulsion in massive star clusters, invited talk, ISSI Team meeting "Massive star clusters across the Hubble time", International Space Science Institute, Bern, Switzerland, Bern, Switzerland, 17 June 2015.
- Krause, M.G.H.: The fate of massive star ejecta, contributed talk, "INTEGRAL 2015: The New High Energy Sky after a Decade of Discoveries", conference held in Rome, Rome, Italy, 8 October 2015.
- Krause, M.G.H.: 3D Magnetohydrodynamics Simulations of Cluster Radio Sources, contributed talk, "ICM Physics and Modelling", MPA, Garching, Garching, Germany, 16 June 2015.
- Krause, M.G.H.: Galactic-scale feedback: a symphony for the superbubble orchestra and the AGN solo player, colloquium, University of Hertfordshire, Hatfield, UK, 27 November 2015.
- Krause, M.G.H.: Star clusters & superbubbles, colloquium,

- um, Sterrewacht Leiden, Netherlands, Leiden, Netherlands, 28 October 2015.
- Lin, Ming-Yi: Thick Disks of Dense Gas around the Nuclei of Nearby Seyfert Galaxies, contributed talk, Academia Sinica Institute of Astronomy and Astrophysics (ASIAA), Taipei City, Taiwan, October 2015.
- Lutz, D.: Wide spread AGN driven nuclear outflows in $z \sim 1-2$ massive star-forming galaxies, contributed talk, Unveiling the Galaxy - AGN evolution connection, Puerto Varas, Chile, March 2015.
- Müller T.G.: (99942) Apophis - A threat to the Earth?, colloquium, Planetary Group Seminar, MPS Göttingen, Göttingen, Germany, February 2015.
- Müller T.G.: 162173 Ryugu (1999 JU3): Searching for the object's spin-axis orientation, invited talk, Hayabusa2 Science Team Meeting, Tokyo, Japan, December 2015.
- Müller T.G.: Asteroids in the thermal infrared, colloquium, Astronomical Observatory of Adam Mickiewicz University, Poznan, Poland, November 2015.
- Müller T.G.: Exotische Welten: Asteroiden, Kometen, Planeten und Exoplaneten, public talk, Lange Nacht der Wissenschaften, Garching, Germany, June 2015.
- Müller T.G.: Faszination Sonnensystem: Von kleinen Körpern und exotischen Welten, public talk, Robert-Mayer-Sternwarte Heilbronn, Heilbronn, Germany, November 2015.
- Müller T.G.: Franken im Weltall, public talk, Markt Stadtlauringen, Birnfeld, Germany, April 2015.
- Müller T.G.: Herschel - Eine Bilanz, public talk, Planetarium am Insulaner, Berlin, Berlin, Germany, February 2015.
- Müller T.G.: Herschel Survey of the Trans-Neptunian Population, invited talk, XXIX IAU General Assembly, FM9, Honolulu, Hawaii, USA, August 2015.
- Müller T.G.: Latest excitement on icy Solar System bodies: TNO Varuna, contributed talk, MPE IR group retreat, Ringberg, Germany, December 2015.
- Müller T.G.: TNOs are Cool: A Herschel survey of the trans-Neptunian region, colloquium, CAS group seminar, Garching, Germany, October 2015.
- Müller T.G.: TNOs are Cool: A Herschel survey of the trans-Neptunian region, colloquium, ESA Scientific Support Office Seminar, ESTEC, Noordwijk, The Netherlands, September 2015.
- Müller T.G.: Zwischen den Planeten: Von Asteroiden und Kometen, public talk, Regiomontanus-Sternwarte Nürnberg, Nürnberg, Germany, October 2015.
- Mantovani, Giulia: Relativistic Fe K α line study in Seyfert 1 galaxies observed with SUZAKU, contributed talk, The Extremes of Black Hole Accretion, Madrid, Spain, June 2015.
- Meidinger, N.: Development of the Wide Field Imager for ATHENA, contributed talk, SPIE Optics and Photonics: UV, X-Ray, and Gamma-Ray Space Instrumentation for Astronomy XIX, San Diego, USA, August.
- Meidinger, N.: WFI Instrument Development Status, invited talk, WFI Proto-Consortium Meeting, Leicester, Great Britain, June 2015.
- Meidinger, N.: WFI Instrument Project Overview, invited talk, WFI Proto-Consortium Meeting, Leicester, Great Britain, June 2015.
- Meidinger, N.: WFI Status, invited talk, ATHENA WORKING GROUP MEETING, Bologna, Italy, February 2015.
- Meidinger, N.: Wide Field Imager for Athena, invited talk, Athena conference, Madrid, Spain, September 2015.
- Meidinger, N.: X-ray detectors with high temporal resolution suitable for pulsar navigation, invited talk, 593. WE-Heraeus-Seminar on Autonomous Spacecraft Navigation - New Concepts, Technologies & Applications for the 21st Century, Bad Honnef, Germany, June 2015.
- Menz, B.: A Fresnel Zone Plate Collimator; Potential and Aberrations, contributed talk, SPIE Optics and Photonics: UV, X-Ray, and Gamma-Ray Space Instrumentation for Astronomy XIX, San Diego, USA, August 2015.
- Menz, B.: A large area X-ray collimator for ATHENA, invited talk, AXRO 2015: International workshop on Astronomical X-Ray Optics, Prague, Czech Republic, December 2015.
- Menzel, M.-L.: A spectroscopic Survey of X-ray selected AGN in the XMM-XXL field, contributed talk, Multi-Object Spectroscopy in the next Decade, La Palma, Spain, March 2015.
- Menzel, M.-L.: AGN-Forecast for eROSITA and pre-SPIDERS science in the XMM-XXL field, contributed talk, SDSS-IV Collaboration Meeting, Madrid, Spain, July 2015.
- Merloni, A.: AGN and Galactic Nuclei, invited talk, RDS Workshop: Perspectives of Astrophysics in Germany 2015-2030, Potsdam, Germany, December 2015.
- Merloni, A.: Massive Spectroscopic surveys of X-ray selected AGN and Clusters: from SPIDERS to 4MOST, invited talk, Multi-Object Spectroscopy in the Next Decade: Big Questions, Large Surveys and Wide Fields, La Palma, Spain, March 2015.
- Merloni, A.: SDSS J0159+0033: a luminous tidal disruption flare in a massive galaxy?, invited talk, From the Dolomites to the event horizon, Sexten, Italy, July 2015.
- Merloni, A.: SPIDERS, invited talk, SDSS-IV Collaboration Meeting, Madrid, Spain, July 2015.
- Merloni, A.: eROSITA: a global view of the hot Universe, colloquium, IoA, Cambridge, UK, February 2015.
- Merloni, A.: eROSITA: a global view of the hot Universe, invited talk, INTEGRAL Workshop: The New High Energy Sky after a Decade of Discoveries, Rome, Italy, November 2015.
- Nandra, K.: Athena Mission status, invited talk, WFI Consortium Meeting, Leicester, UK, June, 2015.
- Nandra, K.: The growth of supermassive black holes, invited talk, Symposium "Symmetries and Phases in the Universe", Kloster Irsee, Germany, June, 2015.
- Nandra, K.: eROSITA: The next-generation all-sky X-ray survey, invited talk, IAU Conference, Honolulu, USA, August 2015.

- Nandra, K.: Athena: Scientific Activities in the Study Phase, invited talk, Exploring the Hot and Energetic Universe: The first scientific conference dedicated to the Athena X-ray observatory, Madrid, Spain, September 2015.
- Nandra, K.: Supermassive Black Hole Growth and its Evolution, invited talk, Demographics and environment of AGN from multi-wavelength surveys, conference, Chania, Greece, September 2015.
- Nandra, K.: eROSITA: Cluster Cosmology with the next-generation all-sky X-ray survey, invited talk, Cluster Cosmology Meeting at the Royal Astronomical Society, London, UK, December 2015.
- Opitsch, M.: The Detailed Stellar and Gas Kinematics in the Central Region of M31, contributed talk, Southern Cross Astrophysics Conference Series VIII: Multiwavelength Dissection of Galaxies, Sydney, Australia, May 2015.
- Opitsch, M.: The Unusual Morphology and Kinematics of the Gas in the Central Regions of M31, contributed talk, Dissecting Galaxies Near and Far: High Resolution Views of Star Formation and the ISM, Santiago, Chile, March 2015.
- Orban de Xivry, G.: Commissioning progress of ARGOS, the laser guide star ground-layer AO system at LBT, colloquium, ESO System Engineering Lunch Talk, Garching, Germany, March 2015.
- Orban de Xivry, G.: Commissioning progresses & first on-sky closed-loop of the GLAO system ARGOS, contributed talk, AO data processing workshop, Marseille, France, May 2015.
- Pon, A.: Evidence for Turbulent Dissipation in Molecular Clouds, invited talk, Chemical Diagnostics of Star and Planet Formation with Cycle 3 ALMA MPE/MPIA Workshop, Garching, Germany, January 2015.
- Pon, A.: Observations of Turbulence Dissipating in Giant Molecular Clouds, colloquium, Max Planck Institute for Astrophysics, Heidelberg, Germany, July 2015.
- Pon, A.: Observations of Turbulence Dissipating in Giant Molecular Clouds, colloquium, NRC-HIA, Victoria, Canada, June 2015.
- Pon, A.: Observations of Turbulence Dissipating in Low Velocity Shocks in the Perseus B1-E5 Starless Core, contributed talk, AAS 225, Seattle, USA, January 2015.
- Pon, A.: Shocks and Superbubbles, colloquium, University of Vienna, Vienna, Austria, May 2015.
- Pon, A.: The Dissipation of Turbulence in Low Velocity Shocks, contributed talk, Structure of Filaments in molecular clouds and their relation to the star-formation processes, Munich, Germany, March 2015.
- Portail, M.: Dynamical models of the Galactic Bulge based on survey data, contributed talk, ESO conference "Rainbows on the Southern Sky", Garching, Germany, October 2015.
- Portail, M.: Structure and dynamics of the Galactic bulge, contributed talk, Excellence Cluster Research Area F Science day, Garching, Germany, July 2015.
- Proserpio, L.: Indirect slumping technology development at MPE for the manufacturing of X-ray optics, contributed talk, 8th International Workshop on Astronomical X-Ray Optics, Prague, Czech Republic, December 2015.
- Pulsoni, C.: The extended Planetary Nebulae Spectrograph (PN.S) early-type galaxy survey - velocity fields at large radii from planetary nebulae, contributed talk, Rainbows on the Southern Sky: science and legacy value of the ESO, Public Surveys and Large Programmes, Garching, Germany, October 2015.
- Rabien, S.: First Results of the Ground Layer Adaptive Optics System ARGOS, contributed talk, AO4ELT4, Lake Arrowhead, USA, October 2015.
- Rau, A.: GROND and eROSITA, contributed talk, eROSITA Consortium Meeting, Bamberg, Germany, October 2015.
- Rau, A.: Science Requirements for the WFI, contributed talk, WFI Proto-Consortium Meeting, Leicester, UK, July 2015.
- Rau, A.: WFI Activities in Phase A, contributed talk, X-IFU Consortium Meeting, Toulouse, France, October 2015.
- Rosario, D. J.: Unveiling the AGN/galaxy evolution connection with deep extragalactic far-IR surveys, invited talk, Unveiling the AGN-Galaxy Evolution Connection, Puerto Varas, Chile, March 2015.
- Rosario, D. J.: The Herschel Perspective on the growth of supermassive black holes, colloquium, UFRGS, Porto Alegre, Brazil, March 2015.
- Salazar-Albornoz, S.: Clustering Tomography on the final BOSS DR12 galaxy sample, contributed talk, MPA/ESO/MPE/EXC Joint Conference on "Theoretical and Observational Progress on Large-scale Structure of the Universe", Garching, Germany, July 2015.
- Salvato, M.: The eROSITA All-Sky Survey and its spectroscopic follow-up, invited talk, Demographics and environment of AGN from multi-wavelength surveys, Chania, Greece, September 2015.
- Salvato, M.: Multiwavelength cross-correlation methods, invited talk, ARCHES:X-ray surveys with advanced multi-wavelength cross-identification methods, Paris, France, November 2015.
- Salvato, M.: The (AGN)pre-eROSITA era: ROSAT-revisited and SPIDERS, invited talk, Demographics and environment of AGN from multi-wavelength surveys, Chania, Greece, September 2015.
- Salvato, M.: The pre-eROSITA era: ROSAT-revisited and SPIDERS, contributed talk, Unveiling the AGN/Galaxy Evolution Connection, Puerto Varas, Chile, March 2015.
- Salvato, M.: AGN science in the era of all-sky surveys (... or so), colloquium, Universita' di Bologna, Bologna, Italy, October 2015.
- Salvato, M.: The eROSITA All-Sky Survey and its spectroscopic follow-up, invited talk, IAU Symposium 319: Galaxies at High Redshift and their Evolution over Cosmic Time, Honolulu, Hawaii, USA, August 2015.
- Sanchez, A.G.: Full-shape analysis of galaxy clustering

- measurements in BOSS DR12, invited talk, Max Planck Institute for Astrophysics, Garching, Germany, April 2015.
- Sanchez, A.G.: A roadmap for covariance matrix estimation, invited talk, Galaxy clustering within Euclid OULE3, Sexten, Italy, July 2015.
- Sanchez, A.G.: Anisotropic galaxy clustering measurements in BOSS, invited talk, Theoretical and Observational Progress on large-scale structure of the Universe, Garching, Germany, July 2015.
- Sanchez, A.G.: Estimating the precision of precision matrix estimates, contributed talk, Euclid Science Collaboration Meeting, Lausanne, Switzerland, June 2015.
- Sanchez, A.G.: Cosmological implications of the final BOSS galaxy samples, colloquium, University observatory LMU, Munich, Germany, May 2015.
- Sanders, J.S.: Athena: the future of X-ray cluster astronomy, contributed talk, A critical assessment of cluster cosmology, London, UK, December 2015.
- Sanders, J.S.: Studying AGN feedback in X-ray observations of groups and clusters, invited talk, Let's group. The life cycle of galaxies in their favourite environment, Garching, Germany, June 2015.
- Sanders, J.S.: Studying AGN feedback in galaxy clusters and groups with Athena, invited talk, Exploring the Hot and Energetic Universe: The first Scientific Conference dedicated to the Athena X-ray Observatory, Madrid, Spain, September 2015.
- Schruba, A.: Molecular Gas and Star Formation from Galaxy to Sub-Cloud Scale in Andromeda, contributed talk, Gas, Dust, and Star-Formation in Galaxies from the Local to Far Universe, Plataniass-Chania, Greece, May 2015.
- Schruba, A.: Properties of the Molecular Gas and Star Formation Process in Andromeda, contributed talk, Lifecycle of gas in galaxies: A Local Perspective, Dwingeloo, Netherlands, September 2015.
- Schruba, A.: Star Formation in an Lstar Galaxy: A Detailed Study of the Andromeda Galaxy, contributed talk, A 3D View on Galaxy Evolution: from Statistics to Physics, Heidelberg, Germany, July 2015.
- Schruba, A.: Linking the Galaxy's Star Formation Process to Molecular Cloud Properties, colloquium, Astronomisches Rechen-Institut, Zentrum für Astronomie der Universität Heidelberg, Heidelberg, Germany, October 2015.
- Schweyer, T.: Astrobo: Towards a new observatory control system for the Garching Observatory 0.6m, contributed talk, Fourth Workshop on Robotic Autonomous Observatories, Torremolinos, Spain, September 2015.
- Siegert, T.: Gamma-ray line diagnostics of supernova explosions – Cas A and SN2014J, contributed talk, Nuclear Physics in Astrophysics VII, York, United Kingdom, May 2015.
- Siegert, T.: Positron Annihilation in the Milky Way, contributed talk, INTEGRAL Workshop 2015 - The New High Energy Sky after a Decade of Discoveries, Rome, Italy, October 2015.
- Sipilä, O.: Spin-state chemistry of deuterated ammonia, contributed talk, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- Sokolov, V.: Deuterium fractionation tracing the evolution of IRDC cores, contributed talk, Soul of High-Mass Star Formation, Puerto Varas, Chile, March 2015.
- Sturm, E.: PDRs in Starburst and (U)LIRG environments, invited talk, 30 Years of Photodissociation Regions, Monterey, USA, June 2015.
- Szücs, L.: A benchmark of CO emission as molecular cloud mass indicator, contributed talk, 30 years of Photo-Dissociation Regions, Asilomar, Pacific Grove, USA, June 2015.
- Tacconi, L.J.: Galaxy Assembly and Dynamics at the Peak Epoch of Cosmic Star Formation, colloquium, Physics Department, University of Bonn, Bonn, Germany, July 2015.
- Tacconi, L.J.: Molecular Gas, Star Formation and Galaxy Dynamics from $z=2.5$ to the Present, colloquium, Astronomy Department, Durham University, Durham, United Kingdom, May 2015.
- Tacconi, L.J.: Molecular Gas, Star Formation and Galaxy Dynamics from $z=2.5$ to the Present, colloquium, Cavendish Laboratory, University of Cambridge, Cambridge, United Kingdom, November 2015.
- Tacconi, L.J.: Molecular Gas, Star Formation and Galaxy Dynamics from $z=2.5$ to the Present, invited talk, The 6th Zermatt ISM Symposium, Zermatt, Switzerland, September 2015.
- Tacconi, L.J.: NOEMA: Northern Extended Millimeter Array, Project Update, invited talk, NAOJ/IoA-MPE strategy meeting, Mitaka, Japan, April 2015.
- Tacconi, L.J.: Star Formation and Gas Scaling Relations from $z=2.5$ to the Present, invited talk, 2015 Santa Cruz Galaxy Workshop, Santa Cruz, California, USA, August 2015.
- Tacconi, L.J.: Star Formation and Gas Scaling Relations from $z=2.5$ to the Present, invited talk, IGM@50 Conference, Spineto, Italy, June 2015.
- Tacconi, L.J.: The Evolution of Molecular Gas and Star Formation: The Peak Epoch of Galaxy Formation to the Present, colloquium, Institute of Astronomy, Tokyo University, Mitaka, Japan, April 2015.
- van Dishoeck, E.F.: Alexander Dalgarno's contributions to astrochemistry, invited talk, From clouds to protoplanetary disks: the astrochemical link, Berlin, Germany, October 2015.
- van Dishoeck, E.F.: Building stars, planets and the ingredients for life between the stars (Albert Einstein award lecture), colloquium, University of Dundee, Dundee, UK, November 2015.
- van Dishoeck, E.F.: Building stars, planets and the ingredients for life between the stars (Sir Robert Wilson lecture), colloquium, University College London, London, UK, December 2015.
- van Dishoeck, E.F.: Chemistry and the physical structure of disks, invited talk, Star- and Planet Formation in the

Southwest conference, Tucson, USA, March 2015.

van Dishoeck, E.F.: Chemistry of volatiles from cores to disks and comets, invited talk, Gordon conference Origins of solar systems, Mount Holyoke, USA, June 2015.

van Dishoeck, E.F.: Complex organic molecules in star-forming regions: sweet results from ALMA, invited talk, Carbon in the Galaxy, American Chemical Society symposium, Denver, USA, March 2015.

van Dishoeck, E.F.: From cores to disks and comets: science with APEX, colloquium, Apex, San Pedro de Atacama, Chile, December 2015.

van Dishoeck, E.F.: IAU Division H overview, invited talk, IAU General Assembly, Division H meeting, Honolulu, USA, August 2015.

van Dishoeck, E.F.: Photodissociation in astrophysics: introduction, invited talk, Photodissociation in astrophysics workshop, Oegstgeest, Netherlands, February 2015.

van Dishoeck, E.F.: Probing the embedded phase of star formation with JWST spectroscopy, contributed talk, Exploring the universe with JWST, Noordwijk, Netherlands, October 2015.

van Dishoeck, E.F.: Revealing planetary construction zones in transitional disks, colloquium, Joint ALMA Office, Santiago, Chile, December 2015.

van Dishoeck, E.F.: Summary discussion, invited talk, Transitional disks and planet formation Lorentz Center workshop, Leiden, Netherlands, March 2015.

van Dishoeck, E.F.: The CO ladder from low- to high-mass protostars, contributed talk, IAU General Assembly, IAU Symposium 315, Honolulu, USA, August 2015.

van Dishoeck, E.F.: The molecular trail from clouds to stars and planets (Woltjer award lecture), invited talk, EWASS 2015, Tenerife, Spain, June 2015.

van Dishoeck, E.F.: The molecular universe: from observations to laboratory and back, invited talk, IAU General Assembly, Focus meeting 12, Honolulu, USA, August 2015.

van Dishoeck, E.F.: Water and ice in the universe: from clouds to planets, invited talk, Water in the universe, 2nd COSPAR Symposium, Foz do Iguacu, Brazil, November 2015.

van Dishoeck, E.F.: Zooming into planet-forming zones of disks: sweet results from ALMA, colloquium, ASTRON, Dwingeloo, Netherlands, September 2015.

van Dishoeck, E.F.: Zooming into planet-forming zones of disks: sweet results from ALMA, colloquium, IAP, Paris, France, October 2015.

Vilenius, E.: The diverse properties of trans-Neptunian objects, colloquium, ESO Stellar coffee and planetary tea, Garching, Germany, January 2015.

Wegg, C.: Microlensing constraints on the mass profiles of the Milky Way's disk and dark matter halo invited talk, Excellence Cluster RA-E Research Day "What is the nature of dark matter and cosmic acceleration?", Munich, Germany, October 2015.

Wegg, C.: The Structure and Dynamics of the Inner 5kpc of the Milky Way, contributed talk, EWASS 2015, La Laguna / Tenerife, Spain, June 2015.

Wegg, C.: The structure of the Milky Way bar and bulge from photometric surveys, contributed talk, Rainbows on the Southern Sky: science and legacy value of the ESO Public Surveys and Large Programmes, Munich, Germany, October 2015.

Wen, M.: Indirect slumping technology development at MPE for the manufacturing of X-ray optics, contributed talk, 8th International Workshop on Astronomical X-Ray Optics, Prague, Czech Republic, December 2015.

Wilman, D.J.: A more detailed picture of environmental effects with new ESO instrumentation, invited talk, In the Footsteps of Galaxies: Tracing the Evolution of Environmental Effects, Soverato, Italy, September 2015.

Wilman, D.J.: An inside-out growth and outside-in truncation of star-forming disks? Testing the role of star-formation driven size growth with resolved H α maps from KMOS^{3D} and HAGGIS at $z=0-2.5$, contributed talk, The Many Pathways to Galaxy Growth, Prato, Italy, May 2015.

Wilman, D.J.: Resolved H α maps and profiles from KMOS^{3D} and HAGGIS at $z=0-2.6$: Painting a picture of growth and quenching, colloquium, ICG, University of Portsmouth, ICG, University of Portsmouth, UK, June 2015.

Wilman, D.J.: Satellite Quenching, invited talk, The Life and Death of Satellite Galaxies, Leiden, Netherlands, April 2015.

Wilman, D.J.: The size growth and truncation of star-forming galaxy disks in massive halos at $z=0-2.5$: Evidence from KMOS^{3D} and HAGGIS, contributed talk, Let's Group. The Life-cycle of galaxies in their favourite environment, Garching, Germany, May 2015.

Wisnioski, E.: KMOS^{3D} - The evolution of resolved kinematics and star-formation from $z=0.7-2.7$, colloquium, Max Planck Institute for Astrophysics, Heidelberg, Germany, August 2015.

Wisnioski, E.: KMOS^{3D} - The evolution of resolved kinematics and star-formation from $z=0.7-2.7$, invited talk, Science with MOS: towards the E-ELT era, Cefalu, Italy, September 2015.

Wisnioski, E.: Tracing high- z galaxy kinematics - evolution of turbulent disks to quenched spheroids, invited talk, Consensus, Evolution, Physics with 3D-HST, New Haven, USA, November 2015.

Wisnioski, E.: Tracing high- z galaxy kinematics - evolution of turbulent disks to quenched spheroids, invited talk, The Many Pathways to Galaxy Growth, Prato, Italy, May 2015.

Wuyts, E.: Galaxy evolution studies with KMOS, contributed talk, Star Formation History of the Universe, Munich, Germany, August 2015.

Wuyts, E.: The evolution of galaxy abundances from $z=2.6$ to $z=0.8$, contributed talk, AG Splinter Meeting: Science with the LBT, Kiel, Germany, September 2015.

Wuyts, E.: The evolution of metallicity and metallicity gradients from $z=2.7$ to 0.6 with KMOS^{3D}, contributed talk,

Consensus, Evolution, Physics with 3D-HST, New Haven, USA, November 2015.

Wuyts, E.: The mass-metallicity relation and abundance gradients with KMOS^{3D}, invited talk, 1st Carnegie Searle Symposium: Understanding Nebular Emission in High-Redshift Galaxies, Pasadena, USA, July 2015.

Wuyts, S.: Early galaxies: alive, dead, transitioning and/or active, colloquium, University of Texas at Austin, Austin, USA, April 2015.

Wuyts, S.: KMOS^{3D}: the mass budget in early disks, invited talk, Census, Evolution, Physics, New Haven, USA, November 2015.

Wuyts, S.: Massive galaxy growth since cosmic noon, colloquium, Kali Institute for Astronomy and Astrophysics, Beijing, China, January 2015.

Wuyts, S.: Massive galaxy growth since cosmic noon, colloquium, University of Texas at Austin, Austin, USA, March 2015.

Wuyts, S.: The life and death of massive galaxies, invited talk, University of Bath, Bath, United Kingdom, March 2015.

Yu, H.-F.: Gamma-ray bursts from theory to observation: spectral analysis, emission mechanisms, and more, contributed talk, Universe Cluster Science F Day, Garching, Germany, July 2015.

Yu, H.-F.: On the Sharpness of Gamma-Ray Burst Prompt Emission Spectra, contributed talk, Sixth International Fermi Symposium, Washington D.C., U.S.A., November 2015.

PhD Theses

Buchner, J.: On the obscuration of the growing supermassive black hole population. Ludwig-Maximilians-Universität München 2015.

Chatzopoulos, S.: The old nuclear star cluster in the Milky Way. Ludwig-Maximilians-Universität München 2015.

Kulkarni, S.: Understanding the evolutionary modes of disks with resolved H α maps of 390 galaxies in local groups. Ludwig-Maximilians-Universität München 2015.

Longobardi, A.: Where stellar halos coexist with intracluster light: a case study of the giant Virgo-central galaxy M87. Ludwig-Maximilians-Universität München 2015.

Greisel, N.: Photometric redshifts and properties of galaxies from the Sloan Digital Sky Survey. Ludwig-Maximilians-Universität München 2015.

Holland, J. G.: Optical and X-ray structures in the REXCESS sample of galaxy clusters. Ludwig-Maximilians-Universität München 2015.

Hsu, L.-T.: Photometric redshifts of faint X-ray sources: paving the way towards the study of AGN/galaxy co-evolution over cosmic time. Ludwig-Maximilians-Universität München 2015.

Huber, M. B.: The relation between physical properties of galaxies and their environmental geometry in the Sloan Digital Sky Survey. Ludwig-Maximilians-Universität München 2015.

Maggi, P.: On the population of supernova remnants in the Large Magellanic Cloud observed with XMM-Newton. Technische Universität München 2015.

Master Theses

Simm, T.: AGN optical variability in the PAN-STARRS1 survey. Ludwig-Maximilians-Universität München 2015.

Weber, J.: Test and Characterization of the GRAVITY Laser Metrology Injection. Technische Universität München 2015.

Bachelor Theses

Haberland, M.: Massebestimmung supermassiver schwarzer Löcher mit Reverberation Mapping. Ludwig-Maximilians-Universität München 2015.

Unterauer, E.: Altersbestimmung von Zwerggalaxien: die synthetic Color-Magnitude-Diagramm Methode. Ludwig-Maximilians-Universität München 2015.

Gillhuber, M.: Entwicklung und Realisierung einer Schrittmotorenregelung zur Bestimmung von Positionierungsgenauigkeiten im Bogensekundenbereich mit abschließender Eignungsbewertung für die Instrumentalisierung am Very Large Telescope. Hochschule für Angewandte Wissenschaften Landshut 2015.