

SEBASTIAN F. HOENIG

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— Curriculum Vitae —

Main research interests

- Extragalactic astrophysics*
 - Growth of supermassive black holes and connection to galaxy evolution
 - Active Galactic Nuclei (AGN) and unification
 - Accretion and feedback mechanisms
- Simulations/theory*
 - 3D radiation hydrodynamics of dusty molecular gas
 - time-resolved radiative transfer simulations
 - Radiation pressure on dusty gas
 - radiation-limited accretion
- Observations*
 - High-angular resolution infrared interferometry, imaging and spectroscopy
 - Optical and IR variability / reverberation mapping
 - Distance scales
 - IR transients and time-domain surveys

Academic achievements

- 64 refereed journal articles (two in *Nature*), 18 as first author (including one in *Nature*), 14 as second author or in supervisory role; 2600+ citations (h=30)
- 2M+ EUR in grant income as PI, 4.5M EUR total
- PI and Col of 80+ successful observing proposals on major ground- and space-based facilities, including VLT/VLTI (800+ PI hours & 1,200 hours Co-PI on Public Survey), ALMA, Keck, Lick, CHARA, *Spitzer*, *Herschel*, Gemini, and GranTeCan

Education

- 11/2004–01/2008 **PhD (Dr. rer. nat.) in astronomy *summa cum laude***
Thesis: Clumpy Dust Tori in Active Galactic Nuclei
Max-Planck-Institute for Radio Astronomy (MPIfR) and University of Bonn
- 10/2001–08/2004 **Diplom in physics (M.Sc. equivalent)**
University of Heidelberg
- 10/1999–09/2001 **Vordiplom in physics (B.Sc. equivalent)**
University of Heidelberg

Employment history

- 03/2016– **Associate Professor**
Department of Physics & Astronomy, University of Southampton, UK
- 09/2014–02/2016 **Lecturer & Marie Curie fellow**
Department of Physics & Astronomy, University of Southampton, UK
- 09/2013–08/2014 **Independent DARK fellow & Marie Curie Fellow**
DARK Cosmology Center, Niels-Bohr-Institute, University of Copenhagen
- 06/2013–08/2013 **DFG (German Science Foundation) reintegration fellow**
Institute for Theoretical Physics and Astrophysics, University of Kiel
- 02/2010–05/2013 **DFG (German Science Foundation) fellow**
Department of Physics, University of California Santa Barbara
- 02/2009–01/2010 **Senior postdoctoral research associate**
Division for IR Interferometry, Max-Planck-Institute for Radio Astronomy (MPIfR)
- 02/2008–01/2009 **Postdoctoral research associate**
Division for IR Interferometry, Max-Planck-Institute for Radio Astronomy (MPIfR)

Awards and distinctions

- 2015 **ERC Starting Grant**
European Research Council, European Union
- 2013 **Marie Curie fellowship**
European Commission, European Union
- 2013 **DARK fellowship**
DARK Cosmology Center, Niels-Bohr-Institute, University of Copenhagen
- 2013 **DFG (German Science Foundation) reintegration fellowship**
Institute for Theoretical Physics and Astrophysics, University of Kiel
- 2010 **DFG (German Science Foundation) fellowship**
Department of Physics, University of California Santa Barbara
- 2004 **Max-Planck-Society PhD scholarship**
Max-Planck-Institute for Radio Astronomy (MPIfR) and University of Bonn
- 2003 **Edgar-Wilson-Award**
Smithsonian Astrophysical Observatory, Center for Astrophysics, Harvard University

Research and teaching grants

- 2018 **MSCA Fellowship *DUSTDEVILS* for Daniel Asmus (MSCA-IF-2017-793499)**
PI S. Hoenig (EUR 183,454.80)
- 2017 **STFC Consolidated Grant (ST/R000506/1)**
PI C. Knigge (GBP 1,032,032)
- 2017 **STFC Centre for Doctoral Training *DISCnet* (ST/P006760/1)**
PI M. Sullivan (GBP 1,005,532)
- 2016–2021 **ERC Starting Grant *DUST-IN-THE-WIND* (677117)**
PI S. Hoenig (EUR 1,475,171)
- 2016–2018 **STFC New Applicant grant (ST/N000870/1)**
PI S. Hoenig (GBP 35,826)
- 2014 **PhD course teaching grant**
PI S. Hoenig (DKK 75,000)
- 2014–2016 **Marie Curie fellowship grant (IIF, No. 623804)**
PI S. Hoenig (EUR 231,000)
- 2013 **DFG (German Science Foundation) reintegration fellowship grant (Ho4368/4-1)**
PI S. Hoenig (EUR 6,400)
- 2011–2013 **Herschel/JPL research grant (OT1_pgandhi_1)**
Title: Geometrically-thick buried AGN; Science PI P. Gandhi (USD 52,000)
- 2010–2013 **DFG (German Science Foundation) research grant (Ho4368/2-1)**
Title: The heart of galaxies in the infrared; PI S. Hoenig (EUR 5,800)
- 2010–2013 **DFG (German Science Foundation) fellowship grant (Ho4368/1-1)**
PI S. Hoenig (EUR 140,000)

Students and postdocs

- 2018– **Ella Guise (PhD student)** — observations and simulations/modelling in the time domain
- 2017– **Triana R. Almeyda (postdoc)** — time-dependent radiative transfer modelling; optical and infrared reverberation mapping (VEILS)
- 2017– **Daniel Asmus (postdoc)** — high-angular resolution infrared observations of AGN
- 2016– **David J. Williamson (postdoc)** — 3D radiative hydrodynamic simulations of the parsec-scale environment of AGN
- 2016– **Marta Venanzi (PhD student)** — 3D radiative hydrodynamic simulations of the parsec-scale environment of AGN
- 2016– **James H. Leftley (PhD student)** — Infrared interferometry of AGN and radiative transfer modelling
- 2015– **Bella Boulderstone (PhD student)** — optical and infrared reverberation mapping

- 2015–2017 **Judit García González (PhD student)** — external supervisor; main supervisor A. Alonso Herrero (IFCAN Madrid); now in teacher training
- 2015–2018 **Jens Juel Jensen (PhD student)** — external supervisor; main supervisor M. Vestergaard (DARK); now working at his own startup company
- 2009–2010 **Jorge K. Barrera-Ballesterro (MSc student)** — now working as a postdoc at Johns Hopkins University (USA; supervisor: Prof. N. Zakamska)

Current scientific leadership roles

- 2017–2019 **President of the European Interferometry Initiative (EII)** — appointment by election as head of the science council of MoU-based international coordination group
- since 2016 **Co-PI of VEILS VISTA Extragalactic Infrared Legacy Survey** — PIs M. Banerji (Cambridge) & S. F. Hoenig; 1,200 hours ESO public survey, team of ~80 researchers
- since 2016 **4MOST & TiDES Co-I** — Lead of AGN reverberation survey; ESO instrument consortium & UK-led time-domain survey
- since 2016 **GATOS board member** — Board: A. Alonso-Herrero, S. F. Hoenig, N. Levenson, C. Packham, C. Ramos Almeida; ALMA & JWST team of ~40 researchers
- since 2014 **Science Working Group chair**
Extragalactic Science case for “Planet Formation Imager” project

Selected recent presentations

- 2019 **Invited Speaker** — Conference “Mapping the central regions of Active Galactic Nuclei” (19-24 September 2019), Guilin, China
- 2019 **Invited Speaker** — The 12th meeting on Cosmic Dust (12-16 August 2019), Chiba Institute of Technology, Japan
- 2019 **Invited Review Speaker** — EWASS session “The ALMA view of nearby AGN: lessons learnt and future prospects” (24-25 June 2019), Lyon, France
- 2018 **Invited Speaker** — Physics colloquium, University of Freiburg, Germany
- 2018 **Invited Speaker** — Cosmic Dust conference, University of Copenhagen, Denmark
- 2017 **Invited Speaker** — IoA colloquium, University of Cambridge, UK
- 2017 **Contributing Speaker** — LSST Multi-wavelength workshop (September 25-27), University of Cambridge, UK
- 2017 **Contributing Speaker** — Conference “Winds on the Georgia Coast” (June 26-29), Jekyll Island, GA, USA
- 2017 **Contributing Speaker** — Conference “Quasars at all cosmic epochs” (April 2-7), Padova, Italy
- 2016 **Invited Speaker** — Astrophysics Seminar, University of Bath, UK
- 2016 **Invited Speaker** — Observatory Seminar, Observatoire de Strasbourg, France
- 2016 **Invited Speaker** — Astronomy Seminar, University of Leicester, UK
- 2015 **Invited Speaker** — Astronomy Seminar, University of Warwick, UK
- 2015 **Invited Speaker** — Astrophysics Seminar, University of Exeter, UK
- 2015 **Invited Speaker** — Munich Joint Astronomy Colloquium, MPA/MPE/ESO/TU Munich, Germany

Recent expert assignments and service

- 2020 **Scientific Organising Committee**
Conference “The sharpest eyes on the sky” (Spring 2020), Exeter, UK
- 2019 **Scientific Organising Committee**
EWASS Session 5, 24-25 June 2019, Lyon, France
- 2019 **Scientific Organising Committee**
EWASS Special Session 41, 28 June 2019, Lyon, France
- 2018 **Scientific Organising Committee**
TORUS2018, December 2018, Puerto Varas, Chile
- 2018 **STFC Peer Reviewer**
Astronomy research grants, Science & Technology Council, UK
- 2017–2019 **CDT training committee**

- STFC Centre for Doctoral Training *DISCnet*, UK
- 2017 **Program Organising Committee**
ESAC 2017 JWST Workshop, October 4-6 2017, Madrid, Spain
- 2016 **Scientific Organising Committee**
Reverberation Mapping workshop, October 2016, Lijiang, China
- 2016 **PhD opposition committee for Dr. Noel Lopez Gonzaga**
Leiden University, Netherlands
- 2015–2016 **OPC member-at-large (P98) and OPC panel member (P96-97)**
Time allocation committee, European Southern Observatory (ESO)
- 2015 **Chair of Scientific Organising Committee and co-organiser**
conference *Torus 2015*, 4-17 September 2015, Winchester, UK
- 2015 **STFC Peer Reviewer**
Astronomy research grants, Science & Technology Council, UK
- since 2011 **Grant reviewer for various national funding bodies**
including UK STFC, US NSF, Swedish National Space Board, FONDECYT Chile, and others
- since 2007 **Reviewer for various journals**
including *The Astrophysical Journal*, *The Astrophysical Journal Letters*, *Monthly Notices of the Royal Astronomical Society*, and *Astronomy & Astrophysics*

Recent references include:

- Prof. Robert Antonucci — Full Professor at the University of California Santa Barbara (USA)
- Prof. Keith Horne — Full Professor at the University of St. Andrews (UK)
- Prof. Julian Krolik — Full Professor at Johns Hopkins University (USA)
- Prof. Andy Lawrence — Regius Professor at the University of Edinburgh (UK)
- Prof. Hagai Netzer — Full Professor (em.) at Tel Aviv University (Israel)
- Prof. Martin Ward — Temple Chevallier Chair of Astronomy at Durham University (UK)

— List of Publications —

Refereed journal articles¹

Where applicable, more information about the individual publications can be accessed by clicking on the titles

A. First, second author and advisee refereed publications

33. *3D Radiation Hydrodynamics of a Dynamical Torus*

Williamson, D., **Hönig, S. F.**, & Venanzi, M. 2019, *ApJ*, 876, 137

32. *New active galactic nuclei science cases with interferometry: An incomplete preview*

Hönig, S. F., Alonso-Herrero, A., Gandhi, P., et al. 2018, *ExA*, 46, 413

31. *New Evidence for the Dusty Wind Model: Polar Dust and a Hot Core in the Type-1 Seyfert ESO 323-G77*

Leftley, J. H., Tristram, K. R. W., **Hönig, S. F.**, et al. 2018, *ApJ*, 862, 17

30. *PAH features within few hundred parsecs of active galactic nuclei*

Jensen, J. J., **Hönig, S. F.**, Rakshit, S., et al. 2017, *MNRAS*, 470, 3071

29. *A mid-infrared statistical investigation of clumpy torus model predictions*

García-González, J., Alonso-Herrero, A., **Hönig, S. F.**, et al. 2017, *MNRAS*, 470, 2578

28. *Dusty Winds in Active Galactic Nuclei: Reconciling Observations with Models*

Hönig, S. F., & Kishimoto, M. 2017, *ApJL*, 838, L20

27. *Cosmology with AGN dust time lags — simulating the new VEILS survey*

Hönig, S. F., Watson, D., Kishimoto, M., et al. 2017, *MNRAS*, 464, 1693

26. *The Subarcsecond Mid-infrared View of Local Active Galactic Nuclei. III. Polar Dust Emission*

Asmus, D., **Hönig, S. F.**, Gandhi, P. 2016, *ApJ*, 822, 109

25. *The Dust Sublimation Radius as an Outer Envelope to the Bulk of the Narrow Fe K α Line Emission in Type 1 AGNs*

Gandhi, P., **Hönig, S. F.**, Kishimoto, M. 2015, *ApJ*, 812, 113

24. *The subarcsecond mid-infrared view of local active galactic nuclei - II. The mid-infrared-X-ray correlation*

Asmus, D., Gandhi, P., **Hönig, S. F.**, Smette, A. & Duschl, W. 2015, *MNRAS*, 454, 766

23. *A dust-parallax distance of 19 megaparsecs to the supermassive black hole in NGC 4151*

Hönig, S. F., Watson, D., Kishimoto, M., & Hjorth, J. 2014, *Nature*, 515, 528

22. *The subarcsecond mid-infrared view of local active galactic nuclei: — I. The N- and Q-band imaging atlas*

Asmus, D., **Hönig, S. F.**, Gandhi, P., et al. 2014, *MNRAS*, 439, 1648

21. *Dust reverberation mapping in the era of big optical surveys and its cosmological application*

Hönig, S. F. 2014, *ApJL*, 784, L4

20. *What obscures low X-ray scattering active galactic nuclei?*

Hönig, S. F., Gandhi, P., Asmus, D., et al. 2014, *MNRAS*, 438, 647

19. *Evidence for a receding dust sublimation region around a supermassive black hole*

Kishimoto, M., **Hönig, S. F.**, Antonucci, R., et al. 2013, *ApJL*, 775, L36

18. *Dust in the polar region as a major contributor to the infrared emission of active galactic nuclei*

Hönig, S. F., Kishimoto, M., Tristram, K., et al. 2013, *ApJ*, 771, 87

17. *Parsec-scale dust emission from the polar region in the type 2 nucleus of NGC 424*

Hönig, S. F., Kishimoto, M., Antonucci, R., et al. 2012, *ApJ*, 755, 149

16. *Mapping the radial structure of AGN tori*

Kishimoto, M., **Hönig, S. F.**, Antonucci, R., et al. 2011, *A&A*, 536, 78

¹Journal abbreviations: *ApJ* – Astrophysical Journal; *A&A* – Astronomy & Astrophysics; *ApJL* – Astrophysical Journal Letters; *A&A* – Astronomy & Astrophysics; *MNRAS* – Monthly Notices of the Royal Astronomical Society; *AJ* – Astronomical Journal; *A&ARv* – Astronomy & Astrophysics Review; *ExA* – Experimental Astronomy; *AN* – Astronomical Notes; *arXiv* – preprint server (in use for early publication)

15. *Constraining properties of dusty environments by infrared variability*
Hönig, S. F., & Kishimoto, M. 2011, A&A, 534, 121
14. *Quantifying the anisotropy in the infrared emission of powerful AGN*
Hönig, S. F., Leipski, C., Antonucci, R., & Haas, M. 2011, ApJ, 736, 26
13. *The innermost dusty structure in active galactic nuclei as probed by the Keck interferometer*
Kishimoto, M., **Hönig, S. F.**, Antonucci, R., Barvainis, R., et al. 2011, A&A, 527, 121
12. *The dusty heart of nearby active galaxies. II. From clumpy torus models to physical properties of dust around AGN*
Hönig, S. F., & Kishimoto, M. 2010, A&A, 523, 27
11. *The dusty heart of nearby active galaxies. I. High-spatial resolution mid-IR spectro-photometry of Seyfert galaxies*
Hönig, S. F., Kishimoto, M., Gandhi, P., et al. 2010, A&A, 515, 23
10. *Exploring the inner region of type 1 AGNs with the Keck interferometer*
Kishimoto, M., **Hönig, S. F.**, Antonucci, R., et al. 2009, A&A, 507, L57
9. *Possible evidence for a common radial structure in nearby AGN tori*
Kishimoto, M., **Hönig, S. F.**, Tristram, K., & Weigelt, G. 2009, A&A, 493, L57
8. *Discovery of a strong Baldwin effect in mid-infrared AGN lines*
Hönig, S. F., Smette, A., Beckert, T., et al. 2008, A&A, 485, L21
7. *High-spatial resolution SED of NGC 1068 from near-IR to radio*
Hönig, S. F., Prieto, M. A., & Beckert, T. 2008, A&A, 485, 33
6. *The innermost region of AGN tori: implications from the HST/NICMOS type 1 point sources and near-IR reverberation*
Kishimoto, M., **Hönig, S. F.**, Beckert, T., & Weigelt, G. 2007, A&A, 476, 713
5. *Active galactic nuclei dust tori at low and high luminosities*
Hönig, S. F., & Beckert, T. 2007, MNRAS, 380, 1172
4. *Radiative transfer modeling of three-dimensional clumpy AGN tori and its application to NGC 1068*
Hönig, S. F., Beckert, T., Ohnaka, K., & Weigelt, G. 2006, A&A, 452, 459
3. *Identification of a new short-period comet near the sun*
Hönig, S. F. 2006, A&A, 445, 759
2. *Infrared emission from a clumpy and dusty torus around AGN*
Beckert, T., **Hönig, S. F.**, Duschl, W. J., & Weigelt, G. 2005, AN, 326, 536
1. *Preliminary Orbital Elements of Four Interferometric Binary Stars*
Hönig, S. F., & Tscharnuter, W. 2005, AJ, 129, 1663

B. Other refereed publications

31. *WISE view of Narrow-Line Seyfert 1 galaxies: mid-infrared color and variability*
Rakshit, S., et al. (including **Hönig, S. F.**) 2019, MNRAS, 483, 2362
30. *Spatially resolved ordered rotation of a quasar broad line region at sub-parsec scale*
The GRAVITY collaboration (including **Hönig, S. F.**) 2018, Nature, 563, 657
29. *The Lick AGN Monitoring Project 2011: Dynamical Modeling of the Broad-Line Region*
Williams, P. R., et al. (including **Hönig, S. F.**) 2018, ApJ, 866, 75
28. *Thick turbulent gas disks with magnetocentrifugal winds in active galactic nuclei*
Vollmer, B., et al. (including **Hönig, S. F.**) 2018, A&A, 615, 164
27. *The planet formation imager*
Monnier, J., et al. (including **Hönig, S. F.**) 2018, ExA, in press

26. *Resolving the Nuclear Obscuring Disk in the Compton-thick Seyfert Galaxy NGC 5643 with ALMA*
Alonso-Herrero, A., et al. (including **Hönig, S. F.**) 2018, ApJ, 859, 144
25. *Determination of the size of the dust torus in H0507+164 through optical and infrared monitoring*
Mandal, A. K., et al. (including **Hönig, S. F.**) 2018, MNRAS, 475, 5330
24. *Stability of the Broad-line Region Geometry and Dynamics in Arp 151 Over Seven Years*
Pancoast, A., et al. (including **Hönig, S. F.**) 2018, ApJ, 856, 108
23. *Embedded AGN and star formation in the central 80 pc of IC 3639*
Fernandez-Ontiveros, J. A., Tristram, K. R. W., **Hönig, S. F.**, Gandhi, P., & Weigelt, G. 2018, A&A, 611, 46
22. *IC 3639 — a New Bona Fide Compton-Thick AGN Unveiled by NuSTAR*
Boorman, P. G., et al. (including **Hönig, S. F.**) 2016, ApJ, 833, 245
21. *Upholding the unified model for active galactic nuclei: VLT/FORS2 spectropolarimetry of Seyfert 2 galaxies*
Romas Almeida, C., et al. (including **Hönig, S. F.**) 2016, MNRAS, 461, 1387
20. *The Optical-UV Emissivity of Quasars: Dependence on Black Hole Mass and Radio Loudness*
Shankar, F., et al. (including **Hönig, S. F.**) 2016, ApJ, 818, 1
19. *Near-infrared polarimetric adaptive optics observations of NGC 1068: a torus created by a hydromagnetic outflow wind*
Lopez-Rodriguez, E., et al. (including **Hönig, S. F.**) 2015, MNRAS, 452, 1902
18. *The Lick AGN Monitoring Project 2011: Spectroscopic campaign and emission-line light curves*
Barth, A., for the LAMP collaboration (including **Hönig, S. F.**) 2015, ApJS, 217, 26
17. *Resolving the AGN and Host Emission in the Mid-infrared Using a Model-independent Spectral Decomposition*
Hernán-Caballero, A., et al. (including **Hönig, S. F.**) 2015, ApJ, 803, 109
16. *The difference of torus geometry between hidden and non-hidden broad line active galactic nuclei*
Ichikawa, K., et al. (including **Hönig, S. F.**) 2015, ApJ, 803, 57
15. *Differential interferometry of QSO broad line regions I: improving the reverberation mapping model fits and black hole mass estimates*
Rakshit, S., Petrov, R., Meiland, A., & **Hönig, S. F.** 2014, MNRAS, 447, 2420
14. *Nuclear 11.3 μm PAH emission in local active galactic nuclei*
Alonso-Herrero, A., et al. (including **Hönig, S. F.**) 2014, MNRAS, 443, 2766
13. *The dusty torus in the Circinus galaxy: a dense disk and the torus funnel*
Tristram, K., Burtscher, L., Meisenheimer, Jaffe, W., **Hönig, S. F.**, et al. 2014, A&A, 563, 82
12. *Nuclear star formation activity and black hole accretion in nearby Seyfert galaxies*
Esquej, P., Alonso-Herrero, A., González-Martín, O., **Hönig, S. F.**, et al. 2014, ApJ, 780, 86
11. *A diversity of dusty AGN tori — Data release for the MIDI AGN Large Program and first results for 23 galaxies*
Burtscher, L., Meisenheimer, K., Tristram, K., Jaffe, W., **Hönig, S. F.**, et al. 2013, A&A, 558, 149
10. *The Lick AGN Monitoring Project 2011: Fe II reverberation from the outer broad-line region*
Barth, A. J., for the LAMP collaboration (including **Hönig, S. F.**) 2013, ApJ, 769, 128
9. *Resolving the gap and AU-scale asymmetries in the pre-transitional disk of V1247 Orionis*
Kraus, S., et al. (including **Hönig, S. F.**) 2013, ApJ, 768, 80
8. *The Lick AGN Monitoring Project 2011: Dynamical modeling of the broad line region in Mrk 50*
Pancoast, A., for the LAMP collaboration (including **Hönig, S. F.**) 2012, ApJ, 754, 49
7. *Imaging the heart of astrophysical objects with optical long-baseline interferometry*
Berger, J.-P., et al. (including **Hönig, S. F.**) 2012, A&ARv, 20, 53
6. *VLT/AMBER observations of the Seyfert nucleus of NGC 3783*
Weigelt, G., Kishimoto, M., Hofmann, K.-H., **Hönig, S. F.**, et al. 2012, A&A, 541, L9

5. *The Lick AGN Monitoring Project 2011: Reverberation Mapping of Markarian 50*
Barth, A. J., for the LAMP collaboration (including **Hönig, S. F.**) 2011, ApJ, 743, L4
4. *Mid-infrared properties of nearby low-luminosity AGN at high-angular resolution*
Asmus, D., Gandhi, P., Smette, A., **Hönig, S. F.**, & Duschl, W. 2011, A&A, 536, 35
3. *Resolving the mid-infrared cores of local Seyfert*
Gandhi, P., Horst, H., Smette, A., **Hönig, S. F.**, et al. 2009, A&A, 502, 457
2. *Probing the dusty environment of the Seyfert 1 nucleus in NGC 3783 with MIDI/VLTI interferometry*
Beckert, T., Driebe, T., **Hönig, S. F.**, & Weigelt, G. 2008, A&A, 486, L17
1. *Obscuration in Extremely Luminous Quasars*
Polletta, M., Weedman, D. W., **Hönig, S. F.**, et al. 2008, ApJ, 675, 960

Proceedings articles (refereed and non-refereed), theses, and invited reviews²

— not included are contributions to **41 IAU Circulars (IAUCs)**, **73 Minor Planet Electronic Circulars (MPECs)**, and **87 Minor Planet Circulars (MPCs)**

45. *VizieR Online Data Catalog: MIR view of polar dust emission in local AGNs (Asmus+, 2016)*
Asmus, D., **Hönig, S. F.**, & Gandhi, P. 2018, VizieR Online Data Catalog
44. *VizieR Online Data Catalog: Mid-infrared-X-ray correlation for local AGNs (Asmus+, 2015)*
Asmus, D., Gandhi, P., **Hönig, S. F.**, et al. 2018, VizieR Online Data Catalog
43. *Tori, Discs, and Winds: The First Ten Years of AGN Interferometry*
Hönig, S. F. 2018, Book “Astronomy at High Angular Resolution”, ASSL, 439, 95
42. *VizieR Online Data Catalog: PAH features of AGN (Jensen+, 2017)*
Jensen, J., **Hönig, S. F.**, Rakshit, S., et al. 2017, VizieR Online Data Catalog
41. *Science cases for a visible interferometer*
Stee, P. et al. (including **Hönig, S. F.**) 2017, White paper on interferometry
40. *NGC1448 and IC 3639: Two Concealed Black Holes Lurking in our Cosmic Backyard Unveiled by NuSTAR*
Stern, D. et al. (including **Hönig, S. F.**) 2017, AAS, 22942908
39. *Planet Formation Imager (PFI): science vision and key requirements*
Kraus, S. et al. (including **Hönig, S. F.**) 2016, SPIE, 9907, 1K
38. *Infrared interferometry and AGNs: Parsec-scale disks and dusty outflows*
Burtscher, L., **Hönig, S. F.**, Jaffe, W., et al. 2016, SPIE, 9907, 0R
37. *Upholding the unified model for AGN: VLT/FORS2 spectropolarimetry of Seyfert 2 galaxies*
Ramos Almeyda, C., et al. (including **Hönig, S. F.**) 2016, proceedings of the conference “Active Galactic Nuclei: what’s in a name?”
36. *The predominance of dust in the polar region of AGN*
Asmus, D., **Hönig, S. F.**, Gandhi, P. 2016, proceedings of the conference “Active Galactic Nuclei: what’s in a name?”
35. *TORUS2015: The AGN unification scheme after 30 years*
Gandhi, P., & **Hönig, S. F.** 2015, proceedings of the conference “TORUS2015”
34. *VizieR Online Data Catalog: Lick AGN monitoring 2011: light curves (Barth+, 2015)*
Barth, A. et al. (including **Hönig, S. F.**) 2015, VizieR Online Data Catalog
33. *The census and properties of bona fide Compton-thick active galactic nuclei from hard X-ray and infrared*

²Journal abbreviations: SPIE – International Society for Optics and Photonics proceedings; AIPC – AIP conference proceedings; IAUS – International Astronomical Union Symposium proceedings; ASPC – ASP Conference Series; AAS – American Astronomical Society proceedings; JPhCS – Journal of Physics Conference Series; ASSL – Astrophysics and Space Science Library (book series); arXiv – preprint server (in use for early publication)

observations

Gandhi, P., et al. (including **Hönig, S. F.**) 2014, proceedings of the conference “Suzaku-MAXI 2014: Expanding the Frontiers of the X-ray Universe”, p.319

32. *The sharpest view 19-22 February, 2014 of the local AGN population at mid-infrared wavelengths*
Asmus, D., **Hönig, S. F.**, Gandhi, P., Smette, A., & Duschl, W. J. 2014, IAUS, 304, 225

31. *VizieR Online Data Catalog: Subarcsecond mid-infrared atlas of local AGN (Asmus+, 2014)*
Asmus, D., **Hönig, S. F.**, Gandhi, P., Smette, A., & Duschl, W. J. 2014, VizieR Online Data Catalog

30. *Tori, clumps, disks, and winds – a tale of our evolving picture of dust around AGN*
Hönig, S. F. 2014, Cospar Scientific Assembly, E1.19-16-14

29. *Spitzer and Kepler Space Telescope Detection of Reverberation in the Seyfert 1 Galaxy Zw 229-015*
Gorjian, V., et al. 2014, AAS, 22325108

28. *Resolving the gap and AU-scale asymmetries in pre-transitional disks with multi-wavelength interferometry*
Kraus, S., et al. 2013, Proceedings of “Protostars and Planets VI”, 2B051

27. *LAMP 2008 and 2011: Dynamical Modeling of the Broad Line Region*
Pancoast, A., et al. 2013, AAS, 22130908

26. *The Lick AGN Monitoring Project 2011: New Velocity-Resolved Reverberation-Mapping Results*
Barth, A., et al. 2013, AAS, 22130907

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