

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

- 74 refereed journal articles (two in *Nature*), 20 as first author (including one in *Nature*), 19 as second author or in supervisory role; 3700+ citations (h=35)
- 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

- 12/2020– **Professorial Fellow (Full Professor with research emphasis)**
School of Physics & Astronomy, University of Southampton, UK
- 08/2020– **Head of Astronomy**
School of Physics & Astronomy, University of Southampton, UK
- 03/2016–11/2020 **Associate Professor**
School of Physics & Astronomy, University of Southampton, UK
- 09/2014–02/2016 **Lecturer & Marie Curie fellow**
School 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

- 2020– **Lizi Swann (postdoc)** — VEILS survey manager and time-domain science in VEILS
- 2020– **Lewis Macleod (PhD student)** — preparation of optical/infrared survey science in the 2020s
- 2018– **Ella Guise (PhD student)** — observations and simulations/modelling in the time domain
- 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

- 2015– **Bella Boulderstone (PhD student)** — optical and infrared reverberation mapping
- 2018–2019 **Jiren Liu (ERC/China NSF exchange postdoc)** — photoionisation modelling of X-ray lines in dusty winds
- 2017–2020 **Triana R. Almeyda (postdoc)** — time-dependent radiative transfer modelling; optical and infrared reverberation mapping (VEILS survey manager)
- 2017–2020 **Daniel Asmus (postdoc)** — high-angular resolution infrared observations of AGN
- 2016–2020 **James H. Leftley (PhD student)** — Infrared interferometry of AGN and radiative transfer modelling
- 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

- 2020– **Co-I of GRAVITY+** — new ESO VLT/VLTI instrument currently in Phase A
- 2017–2021 **President of the European Interferometry Initiative (EII)** — appointment by election as head of the science council of MoU-based international coordination group
- since 2019 **Co-Chair, Rubin Observatory’s LSST AGN Science Collaboration Variability sub-group** — coordinating preparation of AGN variability science with LSST
- 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 (last 5 years)

- 2020 **Invited Speaker** — German Astronomical Society annual meeting, Splinter session “Accreting supermassive black hole through cosmic time”, 21-25 September 2020, online
- 2020 **Invited Speaker** — EAS session “Clumpy environment around accreting compact objects: from stellar-mass accretors to AGNs” (29 Jun-03 July 2020), Leiden, NL/online
- 2020 **Invited Speaker** — Astronomy Seminar, Mullard Space Science Laboratory, UK
- 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

Regular/ongoing undergraduate teaching roles (reduced load due to grant buy-outs)

Personal academic tutor

weekly tutorials for first- to fourth-year physics undergrad students

PHYS6008 Physics from Evidence II

marking of lab experiments including oral examinations

PHYS6006 MPhys project

supervision and examination of fourth-year Master of Physics research projects

PHYS6009 Dissertations

marking of of third-year literature thesis

PHYS3018 BSc project

supervision and examination of third-year Bachelor of Physics research projects

University leadership roles

- 2019–2021 **Physics REF2021 Champion**
responsibility for the university's UoA9 submission to the government's university evaluation exercise impacting departmental funding for the next 6-7 years
- since 2019 **Deputy Director of DISCnet**
responsible for financial planning and oversight of post-graduate training centre
- 2018–2020 **Member of the University Senate**
Academic governing body of the university
- 2016–2020 **Deputy Chair of the physics Equality, Diversity & Inclusion committee**

Recent expert assignments and service

- 2020–2021 **AGN SC alt. member of the LSST Contribution Evaluation Committee (CEC)**
evaluation of international in-kind contribution proposals
- 2020 **Programme Committee SPIE2020: Astronomical Telescopes + Instrumentation**
14-19 June 2020, Yokohama, Japan
- 2019 **Government Round Table on Science Funding after Brexit**
2 June 2019, London, UK
- 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
- 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

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 *Science*, *The Astrophysical Journal*, *The Astrophysical Journal Letters*, *Monthly Notices of the Royal Astronomical Society*, and *Astronomy & Astrophysics*

— 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

38. *The Role of Infrared Radiation Pressure in Shaping Dusty Winds in AGNs*
Venanzi, M., **Hönig, S. F.**, & Williamson, D. 2020, ApJ, 900, 174
37. *Radiation Hydrodynamics Models of Active Galactic Nuclei: Beyond the Central Parsec*
Williamson, D., **Hönig, S. F.**, & Venanzi, M. 2020, ApJ, 897, 26
36. *X-ray signatures of the polar dusty gas in AGN*
Liu, J., **Hönig, S. F.**, Ricci, C., & Paltani, S. 2019, MNRAS, 490, 4344
35. *Parsec-scale Dusty Winds in Active Galactic Nuclei: Evidence for Radiation Pressure Driving*
Leftley, J. H., **Hönig, S. F.**, Asmus, D., et al. 2019, ApJ, 886, 55
34. *Redefining the torus: A unifying view of AGN in the infrared and sub-mm*
Hönig, S. F. 2019, ApJ, 884, 171
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

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)

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
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

36. *Cold molecular gas and PAH emission in the nuclear and circumnuclear regions of Seyfert galaxies*
Alonso Herrero, A., et al. (including **Hönig, S. F.**) 2020, A&A, 639, 43
35. *Local AGN survey (LASr): I. Galaxy sample, infrared colour selection, and predictions for AGN within 100 Mpc*
Asmus, D., et al. (including **Hönig, S. F.**) 2020, MNRAS, 494, 1784
34. *The resolved size and structure of hot dust in the immediate vicinity of AGN*
The GRAVITY collaboration (including **Hönig, S. F.**) 2020, A&A, 635, 92
33. *An image of the dust sublimation region in the nucleus of NGC1068*
The GRAVITY collaboration (including **Hönig, S. F.**) 2020, A&A, 634, 1
32. *Nuclear molecular outflow in the Seyfert galaxy NGC3227*
Alonso Herrero, A., et al. (GATOS; including **Hönig, S. F.**) 2019, A&A, 628, 65
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., Meilland, 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)**

56. *A Realistic Roadmap to Formation Flying Space Interferometry*
Monnier, J., et al (including **Hönig, S. F.**) 2019, Astro2020 Decadal Survey white paper
55. *Setting the Stage for the Planet Formation Imager*
Monnier, J., et al (including **Hönig, S. F.**) 2019, Astro2020 Decadal Survey white paper
54. *Imaging the Key Stages of Planet Formation*
Monnier, J., et al (including **Hönig, S. F.**) 2019, Astro2020 Decadal Survey white paper
53. *Exploring Active Supermassive Black Holes at 100 Micro-arcsecond Resolution*
Kishimoto, M., et al (including **Hönig, S. F.**) 2019, Astro2020 Decadal Survey white paper
52. *4MOST Consortium Survey 10: The Time-Domain Extragalactic Survey (TiDES)*
Swann, L., et al (4MOST TiDES; including **Hönig, S. F.**) 2019, Msngr, 175, 58
51. *4MOST: Project overview and information for the First Call for Proposals*
de Jong, R. S., et al (4MOST; including **Hönig, S. F.**) 2019, Msngr, 175, 3
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