

Curriculum Vitae – Dr Franz Kirsten

Personal Information

Name	Dr Franz Kirsten
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Academic Record

Since Sept 2017	Postdoctoral Researcher , Onsala Space Observatory, Onsala, Sweden
Oct 2014 – Sept 2017	Research Associate , Curtin Institute of Radio Astronomy, Perth, Australia.
Oct 2011 – Oct 2014	PhD student in Astrophysics , University of Bonn, Max Planck Institut für Radioastronomie, Germany.
Oct 2009 – Sept 2011	Master of Science in Astrophysics , University of Bonn, Germany
Oct 2005 – Sept 2008	Bachelor of Science in Physics , University of Leipzig, Germany

Publications

Refereed papers

“Spectral Flattening at Low Frequencies in Crab Giant Pulses”

Meyers, B. W.; Tremblay, S. E.; Bhat, N. D. R.; Shannon, R. M.; **Kirsten, F.**; Sokolowski, M.; Tingay, S. J.; Oronsaye, S. I.; Ord, S. M.
2017, ApJ, 851, 20

“The First Low-mass Black Hole X-Ray Binary Identified in Quiescence Outside of a Globular Cluster”

Tetarenko, B. E.; Bahramian, A.; Arnason, R. M.; Miller-Jones, J. C. A.; Repetto, S.; Heinke, C. O.; Maccarone, T. J.; Chomiuk, L.; Sivakoff, G. R.; Strader, J.; **Kirsten, F.**; Vlemmings, W.H.T.
2016, ApJ, 825, 10

“Revisiting the birth locations of pulsars B1929+10, B2020+28, and B2021+51”

Kirsten, F.; Vlemmings, W.H.T.; Campbell R. M.; Kramer M.; Chatterjee, S
2015, A&A, 577, 111

“Precision astrometry of pulsars and other compact radio sources in the globular cluster M15”

Kirsten, F.; Vlemmings, W.H.T.; Freire, P.; Kramer, M.; Rottmann, H.; Campbell, R.M.
2014, A&A, 565, 43

“Variability in Ultra-luminous X-ray Sources”

Webb, Natalie; Cseh, David; **Kirsten, F.**
2014, PASA, 31, 9

“No evidence for a central IMBH in M15”

Kirsten, F. and Vlemmings, W. H. T.
2012, A&A, 542, A44

“Clustering properties of BzK-selected galaxies in GOODS-N: environmental quenching and triggering of star formation at $z \sim 2$ ”

Lin, L.; Dickinson, M.; Jian, H.-Y.; Merson, A. I.; Baugh, C. M.; Scott, D.; Foucaud, S.; Wang, W.-H.; Yan, C.-H.; Yan, H.-J.; Cheng, Y.-W.; Guo, Y.; Helly, J.; **Kirsten, F.**; Koo, D. C.; Lagos, C. d. P.; Meger, N.; Pope, A.; Simard, L.; Grogin, N. A.; Messias, H.; Wang, S.-Y.
2012, ApJ, 756, 71L

Selected Talks

“Low Frequency VLBI: Fringes between the MWA and the GMRT”

The broad impact of Low Frequency Observing, 20 June 2017, Bologna, Italy

“First steps towards VLBI with the SKA – fringes between the MWA and the GMRT”

Science for the SKA Generation, 8 November 2016, Goa, India

“Pulsar astrometry & scintillometry with VLBI and the MWA”

Thai VLBI Network meeting, 6 September 2016, Krabi, Thailand

“Pulsar studies at the lowest frequencies: The Murchison Widefield Array and Scintillometry”

Invited colloquium, 15 September 2016, Onsala, Sweden

“Pulsar scattering across the MWA band”

MWA Project Meeting, 22 June 2016, Perth, Australia

“Calibration aspects of pulsar astrometry with VLBI”

Joint Australian and Japanese SKA Astrometry Schools, 16 June 2016, Hobart, Australia

“Tracing pulsar trajectories back in time”

Annual Scientific Meeting of the ASA, 7 July 2015, Fremantle, Australia

“Pulsar astrometry with VLBI: from classical to extreme”

Invited colloquium talk at the Centre for Astrophysics and Supercomputing, Swinburne University, 04 June 2015, Melbourne, Australia

“From Astrometry to Scintillometry”

Journal Club talk at the Curtin Institute of Radio Astronomy, 09 February 2015, Perth, Australia

“High sensitivity observations of the core region of M15 - Searching for the IMBH”

Locating Astrophysical Transients, 16 May 2013, Leiden, The Netherlands

“Pulsars in M15: Results of a proper motion measurement campaign”

Latest results from the neutron-star laboratory, 07 May 2013, Amsterdam, The Netherlands

“VLBI mapping of M15 - A pulsar proper motion analysis”

Young European Radio Astronomers Conference at the University of Manchester/Jodrell Bank Observatory, 18-20 July 2011, Manchester, England