

Publications List: Ylva M. Pihlström

PUBLICATIONS IN REFEREED JOURNALS

- Espada, D., et al, *Disentangling the Circumnuclear Environs of Centaurus A: I. High Resolution Circumnuclear Molecular Gas Imaging*, 2009, accepted ApJ
- Wilson, C.D., Petitpas, G.R., Iono, D., Baker, A., Peck, A.B., Krips, M., Warren, B., Golding, J., Atkinson, A., Armus, L., Cox, T.J., Ho, P., Juvela, M., Matsushita, M., Mihos, J.C., Pihlström, Y.M., & Yun, M.S., *Luminous Infrared Galaxies with the Submillimeter Array. I. Survey Overview and the Central Gas to Dust Ratio*, 2008, ApJSS, 178, 189
- Sjouwerman, L.O., & Pihlström, Y.M., *Very Large Array observations of Galactic center OH 1720 MHz masers in Sagittarius A East and in the circumnuclear disk*, 2008, ApJ, 681, 1287
- Pihlström, Y.M., Fish, V.L., Sjouwerman, L.O., Zschaechner, L.K., Lockett, P.B., & Elitzur M., *Excited-state OH masers and supernova remnants*, 2008, ApJ, 676, 371
- Curran, S.J., Tzanavaris, P., Pihlström, Y.M., & Webb, J.K., *Relationships between the HI 21-cm line strength, MgII equivalent width and metallicity in damped Lyman-alpha absorption system*, 2007, MNRAS, 382, 1331
- Fish, V.L., Sjouwerman, L.O. & Pihlström, Y.M., *Effelsberg observations of excited-state (6.0 GHz) OH in supernova remnants and W3(OH)*, 2007, ApJ, 670, L117
- Curran, S.J., Tzanavaris, P., Murphy, M.T., Webb, J.K. & Pihlström, Y.M., *Detection of broad 21-cm absorption at $z = 0.656$ in the complex sight-line towards 3C336*, 2007, MNRAS, 381, L6
- Sjouwerman, L.O., Fish, V.L., Claussen, M.J., Pihlström, Y.M., & Zschaechner, L.K., *Excited-state OH mainline masers in AU Geminorum and NML Cygni*, 2007, ApJ, 666, L101
- Pihlström, Y.M., Taylor, G.B., Granot, J. & Doeleman, *Stirring the embers: High sensitivity VLBI observations of GRB030329*, 2007, ApJ, 664, 411
- Iono, D., Wilson, C., Takakuwa, S., Yun, M., Petitpas, G., Peck, A., Ho, P., Pihlström, Y.M. & Wang, Z., *High resolution imaging of warm and dense molecular gas in the nuclear region of the luminous infrared galaxy NGC6240*, 2007, ApJ, 659, 283
- Fish, V.L., Zschaechner, L.K., Sjouwerman, L.O., Pihlström, Y.M., & Claussen, M.J., *Observations of the 6 centimeter lines of OH in evolved (OH/IR) stars*, 2006, ApJ, 653, L45
- Curran, S. J., Whiting, M.T., Murphy, M.T., Webb, J.K., Longmore, S.N., Pihlström, Y.M., Athreya, R., & Blake, C., *A survey for redshifted molecular and atomic absorption lines - I. The Parkes half-Jansky flat-spectrum red quasar sample*, 2006, MNRAS, 371, 431
- Parra, R., Conway, J.E., Elitzur, M. & Pihlström, Y.M., *A starburst ring traced by clumpy OH megamaser emission*, 2005, A&A, 443, 383
- Taylor, G.B., Momjian, E., Pihlström, Y.M., Ghosh, T. & Salter, C., *Late time observations of the afterglow and environment of GRB 030329*, 2005, ApJ, 622, 986
- Pihlström, Y.M., Baan, W.A., Darling, J. & Klöckner, H.-R., *High-resolution imaging of the OH megamaser emission in IRAS12032+1707 and IRAS14070+0525*, 2005, ApJ, 618, 705

- Curran, S.J., Murphy, M.T., Pihlström, Y.M., Webb, J.K. & Purcell, C.R., *Spin temperatures and covering factors for HI 21-cm absorption in damped Lyman-alpha systems*, 2004, MNRAS, 356, 1509
- Morganti, R., Oosterloo, T.A., Tadhunter, C.N., Vermeulen, R., Pihlström, Y.M., van Moorsel, G. & Wills, K.A., *The unfriendly ISM in the radio galaxy 4C 12.50 (PKS 1345+12)*, 2004, A&A, 424, 119
- Curran, S.J., Murphy, M.T., Pihlström, Y.M., Webb, J.K., Bolatto, A.D. & Bower, G.C., *Molecular fraction limits in damped Lyman-alpha absorption systems*, 2004, MNRAS, 352, 563
- Pihlström, Y.M., Conway, J.E., & Vermeulen, R.C., *The presence and distribution of HI absorbing gas in sub-galactic sized radio sources*, 2003, A&A 404, 871
- Vermeulen, R.C., Pihlström, Y.M., Tschager, W., de Vries, W.H., Conway, J.E., et al., *Observations of HI absorbing gas in compact radio sources at cosmological redshifts*, 2003, A&A 404, 861
- Curran, S.J., Murphy, M.T., Webb, J.K., & Pihlström, Y.M., *A 22-GHz search for molecular absorption at $z\sim 3$ with the upgraded ATCA*, 2003, MNRAS, 340, 139
- Pihlström, Y.M., Conway, J.E., & Vermeulen, R.C., *HI absorption in GPS/CSS sources*, 2003, PASA, vol 20, 413
- Pihlström, Y.M., Conway, J.E., Booth, R.S., Diamond, P.J. & Polatidis, A.G., *EVN and MERLIN observations of III Zw 35: A starburst continuum and an OH maser ring*, 2001, A&A 377, 413
- Pihlström, Y.M., Conway, J.E., Booth, R.S., Diamond, P.J. & Koribalski, B., *VLBI HI absorption observations of the water mega-maser galaxy NGC 5793*, 2000, A&A, 357, 7
- van Langevelde, H.J., Pihlström, Y.M., Conway, J.E., Jaffe, W. & Schilizzi, R.T., *A thin HI circumnuclear disk in NGC 4261*, 2000, A&A 354, L45
- Pihlström, Y.M., Vermeulen, R.C., Taylor, G.B. & Conway, J.E., *HI absorption in the steep-spectrum superluminal quasar 3C216*, 1999, ApJ 525, L13
- Pihlström, Y.M., Conway, J.E., Booth, R.S., Diamond, P.J. & Koribalski, B., *VLBA observations of high opacity HI gas in NGC 5793*, 1999, New Astronomy Reviews, Vol. 43, 647

CONFERENCE PROCEEDINGS

- Pihlström, Y.M., 2007, *OH Megamasers as Extragalactic Diagnostics*, in ‘Astrophysical Masers and their Environments’, proceedings of IAU 242, Alice Springs, Australia
- Wilson, C.D., Petitpas, G.R., Iono, D., Peck, A., Krips, M., Warren, B.E., Baker, A.J., Yun, M., Pihlström, Y.M., Mihos, C., Matsushita, S., Juvela, M., Ho, P.T.P., Cox, T.J., & Armus, L., 2007, *Luminous Infrared Galaxies with the Submillimeter Array: Probing the Extremes of Starformation*, in ‘Science with ALMA: a new era for astrophysics’, proceedings of the conference held 13-17 Nov in Madrid, Spain
- Espada, D., Peck, A., Matsushita, S., Petitpas, G., Pihlström, Y.M., Henkel, C., Iono, D., Israel, F., Sakamoto, K. & Taylor, G.B., 2007, *CO(2-1) SMA Imaging of the Molecular Gas in Centaurus A*, in ‘Science with ALMA: a new era for astrophysics’, proceedings of the conference held 13-17 Nov in Madrid, Spain
- Pihlström, Y.M., 2006, *Megamasers*, in the ‘Proceedings of the 8th European VLBI Network Symposium on New Developments in VLBI Science and Technology’, proceedings of the conference held 26-29 Sep, 2006 in Torun, Poland

- Pihlström, Y.M., 2006, *The Long Wavelength Array*, in the 'Proceedings of the 8th European VLBI Network Symposium on New Developments in VLBI Science and Technology', proceedings of the conference held 26-29 Sept, 2006 in Torun, Poland
- Pihlström, Y.M., & Sjouwerman, L.O., 2006, *OH 1720 MHz Masers in the Galactic Center: Sagittarius A East and the Circumnuclear Disk*, in 'From the Center of the Milky Way to Nearby Low-Luminosity Galactic Nuclei', proceedings of the Galactic Center Workshop, edited by Schödel, R., Bower, G.C, Muno, M.P, Nayakshin, S., & Ott, T., 2006, Journal of Physics: Conference Series, Vol 54, p77
- Pihlström Y.M., *OH Megamaser Galaxies at High Angular Resolution*, in 'Future Directions in High Resolution Astronomy: A Celebration of the 10th Anniversary of the VLBA', edited by J.D. Romney & M. Reid, 2005, ASP Conf. Ser., Vol 340, p224
- Polatidis, A.G., Conway, J.E., Parra, R. & Pihlström, Y.M., *Continuum EVN and MERLIN Observations of Ultra Luminous Infrared Galaxies*, in 'The Evolution of Starbursts: The 331st Wilhelm and Else Heraeus Seminar', edited by S. Hüttemeister, E. Manthey, D. Bomans, & K. Weis, 2005, AIP Conf. Proc., Vol 783, p361
- Parra, R., Conway, J.E., Appleton, P. & Pihlström, Y.M., *Preliminary Results from the COLA N Sample*, in 'The Evolution of Starbursts: The 331st Wilhelm and Else Heraeus Seminar', edited by S. Hüttemeister, E. Manthey, D. Bomans, & K. Weis, 2005, AIP Conf. Proc., Vol 783, p241
- Polatidis, A.G., Conway, J.E., Pihlström, Y.M. & Parra, R., *Continuum Evm and Merlin Observations of Ultra Luminous Infrared Galaxies*, 2005, Ap&SS, Vol 295, p297
- Pihlström, Y.M., *OH Megamasers: Circumnuclear Gas in Starbursts*, in 'Dense Molecular Gas around Protostars and in Galactic Nuclei', edited by Y. Hagiwara, W.A. Baan, & H.J. van Langevelde, 2005, Ap&SS, Vol 295, p291
- van Langevelde, H.J., Pihlström, Y.M., & Beasley, A., *Molecular Absorption in Cen A on VLBI Scales*, in 'Dense Molecular Gas around Protostars and in Galactic Nuclei', edited by Y. Hagiwara, W.A. Baan, & H.J. van Langevelde, 2005, Ap&SS, Vol 295, p249
- Pihlström Y.M., *High Resolution Observations of OH Megamaser Galaxies*, in 'The Neutral ISM in Starburst Galaxies', edited by S. Aalto & S. Hüttemeister, 2004, ASP Conf. Ser., Vol 320, p187
- Curran, S.J., Webb, J.K., Murphy, M.T., & Pihlström, Y.M., *Atomic and Molecular Absorption at High Redshift*, in 'The Neutral ISM in Starburst Galaxies', edited by S. Aalto & S. Hüttemeister, 2004, ASP Conf. Ser., Vol 320, p342
- Polatidis, A.G., Conway, J.E. & Pihlström, Y.M., *EVN and MERLIN Observations of a Complete Sample of Ultra Luminous Infrared Galaxies*, in 'The Neutral ISM in Starburst Galaxies', edited by S. Aalto & S. Hüttemeister, 2004, ASP Conf. Ser., Vol 320, p226
- Pihlström, Y.M., Conway, J.E. & Booth, R.S., *EVN and MERLIN Observations of an OH Maser Ring and a Starburst Continuum in III Zw 35*, in 'Cosmic Masers: From Protostars to Black Holes', edited by V. Migenes & M. Reid, IAU Symposium 206, 2002, ASP Conf. Ser., Vol 249, 646
- Pihlström, Y.M., Conway, J.E. & Booth, R.S., *EVN and MERLIN Observations of a Starburst Continuum and an OH Maser Ring in III Zw 35*, in 'The Central kpc of Starbursts and AGN: The La Palma Connection', edited by J.H. Knapen, J.E. Beckman, I. Shlosman & T.J. Mahoney, 2002, ASP Conf. Ser. Vol 206, p426
- Pihlström, Y.M., Conway, J.E. & Vermeulen, R.C., *Searching for HI Absorbing Gas in Active Galaxies*, in 'Galaxies and their Constituents at the Highest Angular Resolution', edited by R.T. Schilizzi, S.T. Vogel, F. Paresce & M. Elvis, 2001, IAU Symp. 205, p190

Pihlström, Y.M., Conway, J.E., Vermeulen, R.C. & Taylor, G.B., *Probing Neutral Gas in Radio Sources with $0.2 < z < 1$* , in 'Gas and Galaxy Evolution: A Conference in Honor of the 20th Anniversary of the VLA', edited by J.E. Hibbard, M. Rupen & J.H. van Gorkom, 2001, ASP Conf. Proc., Vol 240, p64

Pihlström, Y.M., van Langevelde, H.J., Conway, J.E., Jaffe, W. & Schilizzi, R.T., *EVN Observations of an HI Disk in the FRI Radio Galaxy NGC4261*, in 'Proceedings of the 5th EVN Symposium', edited by J.E. Conway, A.G. Polatidis, R.S. Booth & Y.M. Pihlström, Chalmers University of Technology, 2000, p115

PUBLISHED ABSTRACTS AND PAPERS PRESENTED AT MEETINGS

Hicks, B.C., Paravastu, N., Ray, P.S., Clarke, T.E., Pihlström, Y.M., Kassim, N.E., Weiler, K.W. & Erickson, W.C., 2008, URSI XXIX General Assembly, *Prototyping and field testing active antennas for the Long Wavelength Array*

Willett, K., Darling, J., Armus, L. Charmandaris, V., Spoon, H., & Pihlström, Y., #141.05, AAS Meeting 211, *Mid-infrared spectroscopy of OH megamasers*

Edmonds, R., Pihlström, Y., & Sjouwerman, L. #1406, AAS Meeting 211, *Monitoring of 1720 MHz OH masers in the Galactic center*

Weiler, K.W., Paravastu, N.; Hicks, B.C., Ray, P.S., Clarke, T.E., Pihlström, Y., Kassim, N.E., & Erickson, W.C., #1106, AAS Meeting 211, *Prototyping and Field Testing Active Antennas for the Long Wavelength Array*

Pihlström, Y., Schinzel, F., Dickel, J., Tremblay, S., Crane, P., Cohen, A., & Taylor, G.B., #1105, AAS Meeting 211, *The Long Wavelength Array: Site selection RFI tests and results*

Pihlström, Y.M., Fish, V.L., Sjouwerman, L.O., Zschaechner, L.K., Lockett, P.B. & Elitzur, M., 23rd annual New Mexico Symposium, Socorro, NM, October 2007

Ray, P.S., York, J., Kerkhoff, A., Slack, C., Copeland, J., Munton, D., Banks, J.A., Gaussiran, T., Hicks, B., Paravastu, N., Kassim, N.E., Weiler, K.W., Polisensky, E., Crane, P.C., Gerstle, W., Aguilera, E., Pihlström, Y., Taylor, G.B. & Ellingson, S.W., 2007, AAS Meeting 209, #255.04, *First Light for the Long Wavelength Demonstrator Array*

Edmonds, R.M., Sjouwerman, L.O. & Pihlström, Y.M., 2007, AAS Meeting 209, #172.07, *43 GHz SiO Masers for Phase Calibration with VERA in the Galactic Center*

Zschaechner, L.K.; Fish, V.L., Sjouwerman, L.O., Pihlström, Y.M., & Claussen, M. J, 2007, AAS Meeting 209, #101.11, *Observations of the 6 Centimeter Lines of OH in OH/IR Stars and Star Forming Regions*

Pihlström, Y.M. & Sjouwerman, L.O., presented at '22nd Annual New Mexico Symposium', 6 Oct 2006, Socorro, *OH 1720 MHz Masers Associated with Sagittarius A East and the Circumnuclear Disk*

Dickel, H.R., Pihlström, Y.M., Gaussiran, T.L., Henning, P.A., Kerkhoff, A., Junor, W., Kassim, N.E., & Taylor, G.B., presented at '22nd Annual New Mexico Symposium', 6 Oct 2006, Socorro, *The Long Wavelength Array (LWA) as a Multi-Disciplinary Education Opportunity*

Dickel, J.R., Crane, P.C., Gerstle, W.H., Aguilera, E., Pihlström, Y.M., York, J., Kerkhoff, A., Copeland, J. Slack, C. & Munton, D., presented at '22nd Annual New Mexico Symposium', 6 Oct 2006, Socorro, *The Long Wavelength Demonstrator Array*

Dickel, H.R., Pihlström, Y.M., Gaussiran, T.L., Henning, P.A., Kerkhoff, A., Junor, W., Kassim, N.E., Taylor, G.B. presented at 'JD12 – Long Wavelength Astrophysics, Joint Discussion at the General Assembly of the International Astronomical Union (IAU XXVI)', Prague, Czech Republic, 21 Aug 2006, *The Long Wavelength Array (LWA): A Multi-Disciplinary Educational Opportunity*

Dickel, J. R., Crane, P. C., Gerstle, W. H., Aguilera, E. & Pihlström, Y. M., presented at 'JD12 – Long Wavelength Astrophysics, Joint Discussion at the General Assembly of the International Astronomical Union (IAU XXVI)', Prague, Czech Republic, 21 Aug 2006, '*The Long Wavelength Demonstrator Array (LWDA)*

Kassim, N.E.; Clarke, T.E.; Cohen, A.S.; Crane, P.C.; Dyer, K.K.; Gaussiran, T.L.; Gross, C.A.; Henning, P.A.; Hicks, B.C.; Junor, W.; Lane, W.M.; Lazio, T.J.W.; Paravastu, N.; Pihlström, Y.M.; Polisensky, E.J.; Ray, P.S.; Stewart, K.P.; Taylor, G.B.; Weiler, K.W., presented at 'JD12 - Long Wavelength Astrophysics, Joint Discussion at the General Assembly of the International Astronomical Union (IAU XXVI)', Prague, Czech Republic, 21 Aug 2006, *Exploring the Last Electromagnetic Frontier with the Long Wavelength Array (LWA)*

Lazio, J., Ray, P.S., Ellingson, S., Close, S., Crane, P., Hyman, S.D., Jacoby, B.A., Junor, W., Kassim, N.E., Kulkarni, K.R., Pihlström, Y.M., Taylor, G.B., & Werthimer, D., presented at 'JD12 - Long Wavelength Astrophysics, Joint Discussion at the General Assembly of the International Astronomical Union (IAU XXVI)', Prague, Czech Republic, 21 Aug 2006, *The Radio Transient Sky*

Iono, D., Wilson, C., Yun, M., Takakuwa, S., Peck, A., Petitpas, G., Ho, P., Wang, Z. & Pihlström, Y., 2006, IAUD, Symposium 235, *High Resolution CO(3-2) and HCO+(4-3) Imaging of the Luminous Infrared Galaxy NGC 6240*

Pihlström, Y.M., Gaussiran, T.L., Henning, P.A., Junor, W., Kassim, N.E., Kerkhoff, A. & Taylor, G.B., 2005, AAS Meeting 207, #136.09, *The Long Wavelength Array (LWA) as a Multi-Disciplinary Education Opportunity*

Kassim, N.E., Clarke, T.E., Cohen, A.S., Crane, P.C., Dyer, K.K., Gaussiran, T.L., Gross, C.A., Henning, P.A., Hicks, B.C., Junor, W., Lane, W.M., Lazio, T.J.W., Paravastu, N., Pihlström, Y.M., Polisensky, E.J., Ray, P.S., Stewart, K.S., Taylor, G.B. & Weiler, K.W., 2005, AAS Meeting 207, #136.01, *Charting the Last Electromagnetic Frontier with the Long Wavelength Array (LWA)*

Paravastu, N., Hicks, B.C., Bradley, R., Fisher J.R., Kerkhoff, A., Ellingson, S., Stewart, K.P., Pihlström, Y.M., Erickson, W.C., Kassim, N.E., Ray, P.S. & Weiler, K.W., 2005, AAS Meeting 207, #136.02, *Characterizing Active Antennas for the Long Wavelength Array*

Stewart, K.P., Crane, P.C., Paravastu, N., Hicks, B.C., Theodorou, A., Price, R.M., Pihlström, Y.M., Bastian, T.S. & Gary, D.E., 2005, AAS Meeting 207, #136.04, *An RFI Survey at the Site of the Long Wavelength Demonstration Array (LWDA)*

Crane, P.C., Gerstle, W.H., Aguilera, E. & Pihlström, Y.M., 2005, AAS Meeting 207, #136.05, *The Site of the Long Wavelength Demonstration Array (LWDA)*

Ray, P.S., Lazio, T.J.W., Ellingson, S., Close, S., Crane, P., Hyman, S.D., Jacoby, B.A., Junor, W., Kassim, N.E., Kulkarni, S.R., Pihlström, Y.M., Taylor, G.B. & Werthimer, D., 2005, AAS Meeting 207, #136.08, *The Long Wavelength Array and the Radio Transient Sky*

Pihlström, Y.M., Conway, J.E. & Darling, J., 2004, AAS Meeting 205, #2609, *The Broad OH Megamaser Lines in Ultra Luminous Infrared Galaxies*

Pihlström, Y.M., Baan, W.A., Darling, J. & Klöckner, H.-R., 2003, AAS Meeting 203, #14602, *OH Maser Disks and Outflows in ULIRGs: VLBA Observations of two IRAS Galaxies*

Landes, E.R., Pihlström, Y.M. & Mioduszewski, A., 2003, AAS Meeting 2003, #9202, *A VLBA HI Study of 4C12.50*

Pihlström, Y.M., presented at '19th Annual New Mexico Symposium', 3 Oct 2003, Socorro, *VLBA Observations of two OH Megamaser Galaxies*

Pihlström, Y.M., Conway, J.E. & Vermeulen, R.C., presented in '18th Annual New Mexico Symposium', 1 Nov 2002, Socorro, *HI Absorption in GPS/CSS Sources*

Pihlström, Y.M., Conway, J.E., Booth, R.S., Diamond, P.J., & Polatidis, A.G., presented in '17th Annual New Mexico Symposium', 9 Nov 2001, Socorro, *EVN and MERLIN Observations of III Zw 35: A Starburst Continuum and an OH Maser Ring*

TECHNICAL REPORTS AND THESES

Interference from High Voltage Power Lines: Estimated Stand-off Distances to LWA
Pihlström, Y., & Taylor, G., December 23, 2008, LWA Engineering Documents

Open-air Test Range Sites – RFS0024
Pihlström, Y., December 3, 2008, LWA Engineering Documents

Powerline RFI Measurement – RFS0018
Pihlström, Y., August 27, 2008, LWA Engineering Documents

High Sensitivity Instrument Protocol – RFS0016
Pihlström, Y., August 4, 2008, LWA Engineering Documents

High Sensitivity Measurement Protocol – RFS0015
Pihlström, Y., August 4, 2008, LWA Engineering Documents

User Manual – LWA Portable RFI Monitor – RFS0009b
Schinzel, F., Pihlström, Y., Craig, J., & Jaeger, T., July 24, 2008, LWA Engineering Documents

Detrimental Interference Levels at Individual LWA Sites – RFS0012
Pihlström, Y., August 4, 2008, LWA Engineering Documents

IPRM2 hardware Upgrade to IPRM3 – RFS0008
Schinzel, F., Craig, J. & Pihlström, Y., May 1, 2008, LWA Engineering Documents

Characterization of the Iowa Portable RFI Monitor v3 – RFS0010
Craig, J. & Pihlström, Y., April 30, 2008, LWA Engineering Documents

IPRM2 System Documentation – RFS0001
Pihlström, Y.M., & Craig, J., Mar 7, 2008, LWA Engineering Documents

LWA Equipment RF Emissions: Spectrum Analyzers and Laptops
Pihlström, Y.M., Aug 16, 2006, LWA memo #54

LWDA Shelter Shielding Factor
Pihlström, Y.M., Mertely, D., & Aguilera, E., Aug 16, 2006, LWA memo #51

LWDA Site Trip Report

Ray, P.S., Ellingson, S., Erickson, W., Kassim, N., & Pihlström, Y.M., Aug. 10, 2006, LWA memo #42

LWDA Network Connection Implementation

Ray, P.S., Munton, D., Crane, P., Pihlström, Y.M., Paravastu, N., & Copeland, J., Aug. 18 2006, LWA memo #41

Maximum Allowed Emission Levels for the LWDA Electronics

Pihlström, Y.M., Nov. 12, 2005, LWA memo #47

Testing a Prototype Blade Antenna at the LWDA Site

Paravastu, N., Erickson, W., Pihlström, Y.M., Kassim, N., & Hicks, B., Sep. 2005, LWA memo #25

LWDA Candidate Site Survey and Post Driving Tests

Pihlström, Y.M., Gerstle, W., Aguilera, E. & Crane, P., Sep. 25, 2005, LWA Memo

Estimated Shielding for the EVLA Ethernet Switches

Pihlström, Y.M., Oct. 2002, EVLA Memo # 47

Radio Studies of Circumnuclear Gas in Active Galaxies

Pihlström, Y.M., PhD Thesis, Technical Report No. 411, Chalmers University of Technology, Göteborg, 2001

Interferometric Observations of HI-absorbing Gas in Active Galactic Nuclei

Pihlström, Y.M., Licentiate Thesis, Technical Report No. 333L, Chalmers University of Technology, Göteborg, 2000

Transmission Measurements of a Waveguide and a Coupler Fabricated on InP

Pihlström, Y.M., Masters Thesis, School of Electrical and Computer Engineering, Chalmers University of Technology, Göteborg, 1996