

Curriculum Vitae

Roelof S. de Jong

July 2, 2008

professional societies: Nederlandse Astronomen Club
American Astronomical Society
International Astronomical Union

professional activities: 1998: Member UK Panel for Allocation of Telescope Time
2000: Member Cycle 10 Hubble Space Telescope (HST) Time Allocation Committee
2002–2005: Member Telescope Allocation Committee National Optical Astronomical Observatories (NOAO)
2002–2004: Member Institute Fellow selection committee
2002–2006: Member Research Support Advisory Committee STScI
2005: Chair Science Organizing Committee Island Universes conference, editor proceedings
2006: Member SOC/LOC workshop Galaxy Mergers
2007: Member STScI Distinguished visitors committee
2007–2008: Member LOC IAU Symposium 258, The Ages of Stars
2008-2009: Co-chair SOC Unveiling the Mass: Extracting and Interpreting Galaxy Masses conference

refereeing: ApJ, ApJS, AJ, MNRAS, New Astronomy, UK Panel for Allocation of Telescope Time

awards: 1998–2001: Hubble Fellow
2000: William F. Lucas/San Diego Junior Faculty award
2006: STScI Achievement Award
2006: STScI Group Achievement Award
2006: NASA Group Achievement Award
2006: AURA Group Achievement Award
2007: STScI Group Achievement Award

grants: 1998–2001: Hubble Fellowship, Evolution of Content and Structure in Galaxies \$213,046
2002: DDRF An unbiased extinction-inclination test for disk galaxies \$9,000
DDRf Stellar M/L ratios from velocity dispersions \$9,000
DDRf Mass Distributions Within and Among Spiral Galaxies \$9,140
2003: HST Cycle 12, The Dusty ISM Substructure in Spiral Galaxies \$53,913
HST Cycle 12, NIC3 SNAPs of Nearby Galaxies \$8,604
2005: HST Cycle 14, The Halo Shape and Metallicity of Massive Spiral Galaxies \$132,759
Spitzer Cycle 2, The Formation of Dust Lanes in Edge-on Disk Galaxies \$45,878
2006: HST Cycle 15, The Nature of the Halos and Thick Disks of Spiral Galaxies, \$540,017
HST Cycle 15, ACS Nearby Galaxy Survey, \$28,720
DDRf The Physical Origin of the Warp-Starting Radius in Disk Galaxies, \$12,924
2008: HST Cycle 17, GHOSTS: Stellar Outskirts of Massive Spiral Galaxies, pending ~\$200k

teaching/mentoring: 1995–1997: Supervisor research projects 4th year undergraduate students
1996–1997: Undergraduate Physics tutor
1996–1999: Shared Supervisor Ph.D. student (E.F. Bell)
1997: Guest lecturer Post-Graduate course
1999: Supervisor research project undergraduate summer student
2002–2004: Shared Supervisor Ph.D. student (S. Kassin)
2006, 2007: Supervisor Summer Student (J. Sick)
2006–2008: Supervisor Post-Doc (B. Holwerda)
2006–2008: Shared Supervisor graduate student (K. Saha)
2007–: Supervisor Post-Doc (D. Radburn-Smith)
2007–: Supervisor research project undergraduate student (S. Peters)

post-Ph.D. telescope time:

1996: Steward 90'': 16 nights, VATT 1.8m: 12 nights, ISO: 24000 sec
1997: AAT 4m: 3 nights, APO 3.5m: 3 nights, VATT 1.8m: 13 nights, JKT 1m: 17 nights
1998: Calar Alto 3.5m: 2 nights, JKT: 8 nights, VATT: 4 nights
1999: AAT 4m: 3 nights, VATT: 3 nights, Steward 90'': 16 nights
2000: AAT 4m: 3 nights, Kitt Peak 4m: 10 nights, MMT 6.5m: 3 nights, Steward 90'': 4 nights, VATT: 3 nights
2001: MMT 6.5m: 2 nights, Hertz Sub-mm: 4 days, Steward 90'': 4 nights, VATT: 4 nights
2003: HST 2.4m: 40 SNAP orbits PI, 2×48 SNAP orbits Co-I, Kitt Peak 4m: 4.5 nights
2004: CTIO 4m: 4.5 nights, Subaru 8m: 0.5 nights, CFHT 4m, 0.5 night
2005: HST 2.4m: 92 SNAP orbits PI, Spitzer ST: 21.3 hours PI, MMT 6.5m: 3 nights, Subaru 8m: 0.5 nights
2006: HST 2.4m: 128 orbits PI, HST: 295 orbits co-I, MMT 6.5m: 3 nights
2008: HST 2.4m: 88 SNAP orbits PI, HST: 62 SNAP orbits co-I

colloquia/talks:

1993: ESO, Garching; Univ. of Arizona; Arizona State Univ.
1994: AAS meeting, Washington D.C.; Univ. of Durham
1995: Spiral Galaxies in the Near-IR conf., Garching
1996: Imperial College, London; Arizona State University; University of Wales, Cardiff
1997: NAM, Southampton; IAU 184, Japan; University of Birmingham
1998: Univ. of Wales, Cardiff; LSB conference, Cardiff; Univ. of Groningen; Univ. of Arizona; Arizona State Univ.; STScI
1999: Morphology Conference, South Africa; STScI; Univ. of New Mexico
2000: Univ. of Washington; Univ. of British Columbia; HIA, Victoria; Galaxy Formation and Evolution, Santa Barbara; STScI (2×)
2001: Aspen meeting on galaxies; Michigan State University; Kapteyn Institute, Groningen; Galaxy Mass Workshop, Venice
2003: IAU S220, Sydney; Kapteyn Institute, Groningen; ETH conference, Zurich
2004: NOAO, Tucson; Univ. of Oxford
2005: Queen's Univ., Kingston; Univ. of Toronto; Island Universes conference, The Netherlands
2006: Univ. of Maryland; Moriond conference, Italy; Univ. of Columbia
2007: AAS Seattle; Formation and Evolution of Galaxy Disks conference, Rome; Johns Hopkins CAS Seminar
2008: AAS Austin; STScI colloquium, Baltimore; Kapteyn Institute, Groningen; AIP, Potsdam

Publication list

refereed Journals:

1. A. Szomoru, J.H. van Gorkom, M. Gregg & **R.S. de Jong** 1993, AJ 105, 464-472.
The First HI-Discovered Galaxy in the Bootes Void
2. **R.S. de Jong** & P.C. van der Kruit 1994, A&A Suppl. 106, 451-504.
Near-infrared and Optical Broadband Observations of 86 Face-on Disk Dominated Galaxies; I. Selection, observations and data reduction
3. J.H. Knapen, J.E. Beckman, I. Shlosman, R.F. Peletier, C.H. Heller & **R.S. de Jong** 1995, ApJ Letters 443, L73-L76.
The Striking Near-Infrared Morphology of the Inner Region in M100
4. J.H. Knapen, J.E. Beckman, C.H. Heller, I. Shlosman & **R.S. de Jong** 1995, ApJ 454, 623-642.
The Central Region in M100: Observations and Modeling
5. **R.S. de Jong** 1996, A&A Suppl. 118, 557-573.
Near-infrared and Optical Broadband Observations of 86 Face-on Disk Dominated Galaxies; II. A two-dimensional method to determine bulge and disk parameters
6. **R.S. de Jong** 1996, A&A 313, 45-64.
Near-infrared and Optical Broadband Observations of 86 Face-on Disk Dominated Galaxies; III. The statistics of the disk and bulge parameters
7. **R.S. de Jong** 1996, A&A 313, 377-395.
Near-infrared and Optical Broadband Observations of 86 Face-on Disk Dominated Galaxies; IV. Using color profiles to study stellar and dust content of galaxies
8. **R.S. de Jong** 1996, The Journal of Astronomical Data, Vol.2, 1-10.
B, V, R, I, H and K Images of 86 Face-On Spiral Galaxies
9. S. Courteau, **R.S. de Jong** & A.H. Broeils 1996, ApJ Let. 457, L73-L76.
Evidence for Secular Evolution in Late-Type Spirals
10. **R.S. de Jong** & R.L. Davies 1997, MNRAS 285, L1-L4.
The Shape and Ages of Elliptical Galaxies
11. **R.S. de Jong** & C. Lacey 1999, Ap&SS 269, 569.
The Space Density of Spiral Galaxies as a Function of their Scale Size, Surface Brightness and Luminosity
12. E.F. Bell, R.G. Bower, **R.S. de Jong**, M. Hereld & B.J. Rauscher 1999, MNRAS 302, L55.
The stellar populations of low surface brightness galaxies
13. E.F. Bell, D. Barnaby, R.G. Bower, **R.S. de Jong**, D. Harper, M. Hereld, R. Loewenstein & B. Rauscher 2000, MNRAS 312, 470.
The star formation histories of low surface brightness galaxies
14. E.F. Bell & **R.S. de Jong** 2000, MNRAS 312, 497.
The stellar populations of spiral galaxies
15. **R.S. de Jong** & C. Lacey 2000, ApJ 545, 781-797.
The local space density of Sb-Sd galaxies as function of their scalesize, surface brightness and luminosity
16. E.F. Bell & **R.S. de Jong** 2001, ApJ 550, 212-229.
Stellar Mass-to-light Ratios and the Tully-Fisher Relation
17. D.W. McCarthy, J. Ge, J.L. Hinz, R.A. Finn, & **R.S. de Jong** 2001, PASP 113, 353-361.
PISCES: A Wide Field, 1-2.5 micron Camera for Large Aperture Telescopes
18. R.A. Windhorst, V.A. Taylor, R.A. Jansen, S.C. Odewahn, C. Chiarenza, C.J. Conselice, R. de Grijs, **R.S. de Jong**, J.W. MacKenty, P.B. Eskridge, J.A. Frogel, J.S. Gallagher III, J.E. Hibbard, L.D. Matthews, R.W. O'Connell 2002, ApJS 143, 113.
An HST Survey of the mid-UV Morphology of Nearby Galaxies
19. J.H. Knapen, **R.S. de Jong**, S. Stedman, & D.M. Bramich 2003, MNRAS 344, 527.
Structure and star formation in disk galaxies I. Sample selection and near infrared imaging
20. P.A. James, N.S. Shane, J.E. Beckman, A. Cardwell, C.A. Collins, J. Etherthon, **R.S. de Jong**, K. Fathi, J.H. Knapen, R.F. Peletier, S.M. Percival, D.L. Pollacco, M.S. Seiger, S. Stedman, & I.A. Steele 2004, A&A 414, 23-43.
The H α Galaxy Survey: I. The galaxy sample, H α narrow-band observations and star formation parameters for 334 galaxies
21. **R.S. de Jong**, L. Simard, R.L. Davies, R.P. Saglia, D. Burstein, M. Colless, R. McMahan, G. Wegner, 2004, MNRAS 355, 1155.
Structural properties of discs and bulges of early-type galaxies
22. A.A. Dutton, S. Courteau, C. Carignan, & **R.S. de Jong** 2005, ApJ 619, 218.
Mass Modeling of Disk Galaxies: Degeneracies, Constraints, and Adiabatic Contraction

23. A.C. Seth, J.J. Dalcanton, **R.S. de Jong** 2005, AJ 129, 1331.
A Study of Edge-On Galaxies with the Hubble Space Telescope Advanced Camera for Surveys. I. Initial Results
24. A.C. Seth, J.J. Dalcanton, **R.S. de Jong** 2005, AJ 130, 1574.
A Study of Edge-On Galaxies with the Hubble Space Telescope Advanced Camera for Surveys. I. Vertical Distribution of the Resolved Stellar Population
25. S.A. Kassin, **R.S. de Jong**, R. Pogge 2006, ApJS 162, 80.
Dark and Baryonic Matter in Spiral Galaxies: I. Near-infrared and Optical Broadband Surface Photometry of 31 Galaxies.
26. D. Bersier et al. 2006, ApJ 643, 284.
Evidence for a Supernova Associated with the X-ray Flash 020903.
27. S.A. Kassin, **R.S. de Jong**, B.J. Weiner 2005, ApJ 643, 804.
Dark and Baryonic Matter in Spiral Galaxies: II. Radial Distributions for 34 galaxies.
28. **R.S. de Jong**, A.C. Seth, D.J. Radrurn-Smith, E.F. Bell, T.M. Brown, J.S. Bullock, S. Courteau, J.J. Dalcanton, H.C. Ferguson, P. Goudfrooij, S. Holfeltz, B.W. Holwerda, C. Purcell, J. Sick, D.B. Zucker, 2007, ApJL 667, 49.
Stellar Populations across the NGC 4244 Truncated Galactic Disk.
29. P.A. James, J.H. Knapen, N.S. Shane, I.K. Baldry, **R.S. de Jong** 2008, A&A 482, 507.
The H α Galaxy Survey: IV. Star formation in the local Universe.
30. L. Girardi, J. Dalcanton, B. Williams, **R.S. de Jong**, C. Gallart, M. Monelli, et al. 2008, PASP 120, 583.
Revised Bolometric Corrections and Interstellar Extinction Coefficients for the ACS and WFC2 Photometric Systems
31. **R.S. de Jong** 2008, MNRAS in press (arXiv:0807.0229).
Point spread function tails and the measurements of diffuse stellar halo light around edge-on disc galaxies
32. B.F. Williams, J.J. Dalcanton, A.C. Seth, D. Weisz, A. Dolphin, E. Skillman, J. Harris, J. Holtzman, L. Girardi, **R.S. de Jong**, K. Olsen, C. Gallart, S.M. Gogarten, M. Mateo, K. Rosema, P. Stetson, T. Quinn 2008, submitted.
ACS Nearby Galaxy Survey Treasury: I. The Star Formation History of the M81 Outer Disk
33. S.M. Gogarten, J.J. Dalcanton, B.F. Williams, A. Seth, A. Dolphin, D. Weisz, E. Skillman, J. Holtzman, L. Girardi, A. Cole, **R.S. de Jong**, K. Olsen, K. Rosema 2008, submitted.
Recent Star Formation History of Selected Regions in the M81 Outer Disk and their Relation to H α and UV Emission Timescales
34. B.W. Holwerda, W.C. Keel, B. Williams, J.J. Dalcanton, **R.S. de Jong** 2008, AJ submitted.
An extended dust disk in a spiral galaxy; An occulting galaxy pair in ANGST.

non-refereed papers:

1. **R.S. de Jong** & P.C. van der Kruit 1993, BAAS, 25 No.4, 1392.
Near-IR and Optical Broadband Observations of 86 Face-on Spiral Galaxies
2. **R.S. de Jong** & P.C. van der Kruit 1994, In: *proceedings of Infrared Astronomy with Arrays: the Next Generation*, ed.: I. McLean, p. 123-124.
Near-IR and Optical Observations of Spirals; How about Freeman's law in the near-IR?
3. **R.S. de Jong** 1996, In: *proceedings of Spiral Galaxies in the near-infrared*, eds.: D. Minniti, H.-W. Rix, p. 43-47.
Colour Gradients in the Optical and Near-IR
4. J.H. Knapen, R.F. Peletier, I. Shlosman, J.E. Beckman, C.H. Heller, **R.S. de Jong** 1996, In: *proceedings of Spiral Galaxies in the near-infrared*, eds.: D. Minniti, H.-W. Rix, p. 240-241.
NIR Imaging and Modeling of the Core of M100
5. **R.S. de Jong** 1996, In: *proceedings of IAU Symp. 171, New Light on Galaxy Evolution*, eds.: R. Bender & R.L. Davies, p. 358.
Colour (\simeq age?) gradients in Spiral Galaxies
6. **R.S. de Jong** & R.L. Davies 1996, In: *proceedings of IAU Symp. 171, New Light on Galaxy Evolution*, eds.: R. Bender & R.L. Davies, p. 359.
The Shapes and Ages of Elliptical Galaxies
7. J.H. Knapen, I. Shlosman, J.E. Beckman, C.H. Heller, R.F. Peletier, **R.S. de Jong**, D. Nadeau & R. Doyon 1996, In: *PASP Conf. Ser. Vol. 91, Barred Galaxies*, eds.: R. Buta, D.A. Crocker and B.G. Elmegreen, p. 416.
M100 and NGC 6951: Morphological Clues to Central Dynamics
8. A.T.C. Burg, R.A. Windhorst, S.C. Odewahn, **R.S. de Jong** & J.A. Frogel 1997, In: *The Ultraviolet Universe at Low and High Redshift: Probing the Progress of Galaxy Evolution*, eds.: W.H. Waller, M.N. Fanelli, J.E. Hollis, A.C. Danks, Vol. 408, p. 434-438.
A Systematic *ubvriJhk* Survey of Nearby Galaxies to Classify Faint Galaxies from Deep HST Surveys
9. A.T.C. Burg, R.A. Windhorst, S.C. Odewahn, **R.S. de Jong** & J.A. Frogel 1997, AAS, 191, 305.
A Systematic *ubvriJhk* Survey of Nearby Galaxies to Classify Faint Galaxies from Deep HST Surveys

10. R.A. Windhorst, S.C. Odewahn, S. Cohen, C.A.T.C. Burg, **R.S. de Jong**, S. Driver, R. Marzke, J.A. Tyson & I. Dell'Antonio 1997, In: *The Ultraviolet Universe at Low and High Redshift: Probing the Progress of Galaxy Evolution*, eds.: W.H. Waller, M.N. Fanelli, J.E. Hollis, A.C. Danks, Vol. 408, p. 242-246.
The HST/WFPC2 *B*-band Galaxy Counts vs. Type for $19 < B < 29$ mag
11. **R.S. de Jong**, R.L. Davies, R. Minchin, J.R. Lucey & J. Steel 1998, In: *Proceedings of IAU Symp. 184, The central regions of the Galaxy and galaxies*, ed.: Y. Sofue, p. 385.
Cores or cusps in Elliptical Galaxies: Luminosity or Environment?
12. **R.S. de Jong** & C. Lacey 1999, In: *Proceedings of IAU Coll. 171, The Low Surface Brightness Universe*, eds. J. Davies, C. Impey, and S. Phillipps, p. 52.
The space density of spiral galaxies as a function of their luminosity, surface brightness and scalesize
13. E.F. Bell, R.G. Bower, **R.S. de Jong**, B.J. Rauscher, D. Barnaby, D.A. Harper, M. Hereld, & R.F. Loewenstein 1999, In: *Proceedings of IAU Coll. 171, The Low Surface Brightness Universe*, eds. J. Davies, C. Impey, and S. Phillipps, p. 245.
The star formation histories of Low Surface Brightness galaxies
14. **R.S. de Jong** & E.F. Bell 2001, In: *ASP Conf. Ser., Galaxy Disks and Disk Galaxies*, eds.: J.G. Funes and E.M. Corsini, p. 555.
Stellar Mass-to-light Ratios and the Tully-Fisher Relation
15. **R.S. de Jong**, E.F. Bell, S. Courteau & R.P. Olling 2002, AAS 201, 1301.
Stellar Mass-to-Light Ratios and Rotation Curves of Spiral Galaxies
16. **R.S. de Jong** & E.F. Bell 2003, in *The Mass of Galaxies at Low and High Redshift*, eds. R. Bender & A. Renzini (ESO Astrophysics Symposia, Springer-Verlag), p. 213.
Stellar Mass-to-Light Ratios and Spiral Galaxy Dynamics
17. **R.S. de Jong**, S. Kassin, E.F. Bell, & S. Courteau 2004, in *ASP Conf. Ser., Proceedings of IAU Symp. 220, Dark Matter in Galaxies*, eds. S. Ryder, D.J. Pisano, M. Walker and K. Freeman, p. 281.
Properties of Dark Matter Halos in Disk Galaxies
18. K. Noll, E. Bergeron, T. Wiklind, S. Arribas, **R.S. deJong**, S. Malhotra 2004, SPIE 5487, 281.
NICMOS: lessons learned for future space infrared instrumentation
19. S. Kassin, **R.S. de Jong**, & R. W. Pogge 2004, in *ASP Conf. Ser., Proceedings of IAU Symp. 220, Dark Matter in Galaxies*, eds. S. Ryder, D.J. Pisano, M. Walker and K. Freeman, p. 307.
Radial Distributions of Dark and Luminous Matter in Bright Spiral Galaxies
20. A.C. Seth, J.J. Dalcanton, **R.S. de Jong** 2004, AAS 205.6010.
The Vertical Structure of Resolved Stars in Edge-On Galaxies
21. A.C. Seth, J.J. Dalcanton, **R.S. de Jong** 2005, in *ASP Conf. Ser., Proceedings of Resolved Stellar Populations*, eds. D. Valls-Gabaud and M. Chavez, in press.
The Vertical Structure of Stars in Edge-On Galaxies.
22. A.C. Seth, J.J. Dalcanton, **R.S. de Jong** 2004, AAS 207.8705
The Vertical Structure of Resolved Stars in Edge-On Galaxies.
23. **R.S. de Jong** et al. 2006, in *The 2005 HST Calibration Workshop*, eds. A. Koekemoer, P. Goudfrooij, and L. Dressel, p. 121.
NICMOS Status.
24. S. Arribas et al. 2006, in *The 2005 HST Calibration Workshop*, eds. A. Koekemoer, P. Goudfrooij, and L. Dressel, p. 133.
NICMOS Calibration Plans for Cycles 13 and 14.
25. B. Mobasher, **R.S. de Jong**, A. Riess, L.E. Bergeron, K. Noll 2006, in *The 2005 HST Calibration Workshop*, eds. A. Koekemoer, P. Goudfrooij, and L. Dressel, p. 147.
A Critical Test of NICMOS Photometry.
26. K. Sembach et al. 2006, in *The 2005 HST Calibration Workshop*, eds. A. Koekemoer, P. Goudfrooij, and L. Dressel, p. 375.
HST Two-Gyro Mode.
27. J. Sick, **R.S. de Jong** 2006, AAS 209, #211.05.
A New Method for Detecting Stellar Streams in the Halos of Galaxies.
28. **R.S. de Jong**, the GHOSTS team, 2006, AAS 209, #114.07.
The Stellar Populations in the Outer Banks of Massive Disk Galaxies.
29. B.W. Holwerda, **R.S. de Jong** M. Regan, A. Seth, J.J. Dalcanton, E.F. Bell, S. Bianchi 2006, AAS 209, #18.05.
Spitzer's View on Edge-On Spiral Disks.
30. A. Seth, **R.S. de Jong**, H. Ferguson, J.J. Dalcanton 2006, AAS 209, #18.03.
The Stellar Halos of Nearby Galaxies.
31. **R.S. de Jong** & E.F. Bell 2007, in *Island Universes: Structure and Evolution of Disk Galaxies*, ed. R.S. de Jong, p. 107.
Comparing Dynamical and Stellar Population Mass-to-Light Ratio Estimates.
32. S.A. Kassin, **R.S. de Jong** 2007, in *Island Universes: Structure and Evolution of Disk Galaxies*, ed. R.S. de Jong, p. 513.
Rotation Curves of Spiral Galaxies.

33. **R.S. de Jong**, A.C. Seth, E.F. Bell, T.M. Brown, J. Bullock, S. Courteau, J. Dalcanton, H. Ferguson, P. Goudfrooij, S. Holfeltz, C. Purcell, D. Radburn-Smith, and D. Zucker 2007 *IAUS 241: Stellar Populations as Building Blocks of Galaxies.*, p. 503.
GHOSTS: The Resolved Stellar Outskirts of Massive Disk Galaxies
34. A. Seth, **R.S. de Jong**, J. Dalcanton, the GHOSTS team 2007 *IAUS 241: Stellar Populations as Building Blocks of Galaxies.*, 523.
Detection of a Stellar Halo in NGC 4244.
35. J. Sick, **R.S. de Jong** 2007, in *IEEE 4th International Symposium on Voronoi Diagrams in Science and Engineering*, p.300-304.
Detecting Stellar Streams in the Halos of Galaxies with Voronoi Tessellations
36. A. Seth, **R.S. de Jong**, D. Radburn-Smith, H. Ferguson 2007, in *Galaxies in the Local Volume*, in press (astro-ph/0710.2133).
Resolving the Outer Disks and Halos of Nearby Galaxies.
37. B.W. Holwerda, **R.S. de Jong** M. Regan, A. Seth, J.J. Dalcanton, E.F. Bell, S. Bianchi 2007, in *The Formation and Evolution of Galaxy Disks*, in press (astro-ph/0710.3732).
Spitzer's View on Edge-On Spiral Disks.
38. **R.S. de Jong**, D.J. Radburn-Smith, J.N. Sick 2007, in *The Formation and Evolution of Galaxy Disks*, in press (astro-ph/0710.5511).
GHOSTS | Bulges, Halos, and the Resolved Stellar Outskirts of Massive Disk Galaxies.
39. **R.S. de Jong**, D.J. Radburn-Smith, A.C. Seth, the GHOSTS team 2007, AAS 211, #113.04
GHOSTS: Stellar Populations in the Outskirts of Massive Disk Galaxies.
40. **R.S. de Jong** & E.F. Bell 2008, in *From Dark Halos to Light*, eds. S. Maurogordato, J. Trân Thanh Vân, L. Tresse, p. 21.
Comparing Dynamical and Stellar Population Mass-to-Light Ratio Estimates.

books:

1. **R.S. de Jong**, editor of conference proceedings. "Island Universes - Structure and Evolution of Disk Galaxies"

reports:

1. **R.S. de Jong**, E. Bergeron, A. Riess, R. Bohlin 2006, NICMOS Instrument Science Report 2006-001.
NICMOS count-rate dependent non-linearity tests using flatfield lamps.
2. R.C. Bohlin, A. Riess, **R.S. de Jong** 2006, NICMOS Instrument Science Report 2006-002.
NICMOS Count Rate Dependent Non-Linearity in G096 and G141.
3. **R.S. de Jong** 2006, NICMOS Instrument Science Report 2006-003.
Correcting the NICMOS count-rate dependent non-linearity.
4. T. Dahlen, H. McLaughlin, **R.S. de Jong** 2007, NICMOS Instrument Science Report 2007-002.
NICMOS Time Dependent Flat-fields.
5. T. Dahlen, H. McLaughlin, V. Laidler, M. Regan, E. Bergeron, R. Jędrzejewski, R. Bohlin, **R.S. de Jong**, A. Siana, 2008, NICMOS Instrument Science Report 2008-001.
Improvements to CALNICA.
6. B. Shaw, **R.S. de Jong**, 2008, NICMOS Instrument Science Report 2008-003.
Verifying the NICMOS Count Dependent Non-Linearity Correction.

in preparation:

1. **R.S. de Jong**, E.F. Bell 2008, PASP review.
Stellar Population Mass-to-Light Ratios.
2. D.J. Radburn-Smith, **R.S. de Jong**, E.F. Bell, T.M. Brown, J.S. Bullock, S. Courteau, J.J. Dalcanton, H.C. Ferguson, P. Goudfrooij, S. Holfeltz, B.W. Holwerda, C. Purcell, A.C. Seth, J. Sick, D.B. Zucker 2008, ApJ.
GHOSTS: I. Sample Selection and ACS Data Reduction.
3. **R.S. de Jong**, D.J. Radburn-Smith 2008, ApJ.
GHOSTS: II. Luminosity and Scale Sizes of the Stellar Halos of Massive Disk Galaxies.
4. A. Seth, **R.S. de Jong**, D. Radburn-Smith, H. Ferguson 2008, ApJ.
GHOSTS: III. The Stellar Populations of the Tidally Disrupted Dwarf of M83.
5. J. Sick, **R.S. de Jong** 2008, ApJ.
GHOSTS: IV. Detecting Substructure in the Stellar Halos of Galaxies with Tessellations.
6. B.W. Holwerda, **R.S. de Jong** 2008, ApJ.
The Spitzer Edge-on Disk Galaxy Survey. I. Data Reduction and Structural Properties.
7. **R.S. de Jong**, B.W. Holwerda 2008, ApJ.
The Spitzer Edge-on Disk Galaxy Survey. II. Stellar and ISM Scale Heights.

8. K. Saha, **R.S. de Jong**, B.W. Holwerda 2008, ApJ.
The Onset of Warps in the Spitzer Edge-on Disk Galaxy Survey.

The average citation rate for all refereed papers is at least 67.0 (citation lists are incomplete). The average citation rate for first or second author papers (papers where I did a significant amount of work) is 107.5, for first author papers at least 90. My average normalised citation count per paper (i.e., the number of citations per paper, normalized by the number of authors on the paper) is 39.7. Seven papers are in the top 1% of citation ratings of all space research papers of their year, most of my refereed papers are in the top 5% of their year. All statements based on the Smithsonian/NASA Astrophysics Data System (ADS).