

ALLEGATO B

UNIVERSITÀ DEGLI STUDI DI MILANO

selezione pubblica per n.1 posto/i di Ricercatore a tempo determinato ai sensi dell'art.24, comma 3, lettera b) della Legge 240/2010 per il settore concorsuale 02/C1 - ASTRONOMIA, ASTROFISICA, FISICA DELLA TERRA E DEI PIANETI, settore scientifico-disciplinare FIS/05 - ASTRONOMIA E ASTROFISICA presso il Dipartimento di Fisica Aldo Pontremoli, (avviso bando pubblicato sulla G.U. n. 17 del 02/03/2021) Codice concorso 4542

Alice Zurlo CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	ZURLO
NOME	ALICE
DATA DI NASCITA	07/10/1986

**INSERIRE IL PROPRIO CURRICULUM
(non eccedente le 30 pagine)**

Curriculum inserito a partire dalla pagina seguente.

Data

11/03/2021

Luogo

Santiago del Cile

Alice Zurlo | Curriculum Vitae

Date of birth: 7/10/1986 – Nationality: Italian

☎ +39 3403409046 • ✉ alice.zurlo@mail.udp.cl

Summary

I am an astrophysicist, assistant professor at Universidad Diego Portales (UDP, Chile), my main field of research is the detection and characterization of young planetary systems with high contrast imaging. I am core team member of SPHERE, the planet finder of the Very Large Telescope. My latest work focuses on the effect of multiplicity on planet formation and the accretion of protoplanets.

Positions

2018–Current: Assistant Professor at Universidad Diego Portales (Chile)

2017–2018: Fondecyt Fellow at Universidad Diego Portales (Chile)

2015–2017: Postdoctoral position at Universidad Diego Portales & Universidad de Chile (Chile)

2011–2015: Ph.D. in Astrophysics at LAM & OAPD supervised by Claire Moutou & Raffaele Gratton (France, Italy)

PhD thesis

Title: *Characterization of exoplanetary systems with the direct imaging technique: towards the first results of SPHERE at the Very Large Telescope*

Supervisors: Claire Moutou & Raffaele Gratton

Date: 1 June 2015

Institute: Università degli Studi di Padova & Aix-Marseille Université

Education

Università degli Studi di Padova <i>Master in Astronomy, Grade: 110 summa cum laude</i>	Padova (IT) 2009–2011
Universidad de la Laguna <i>Participation to the program LLP/Erasmus</i>	La Laguna (ES) 2008–2009
Università degli Studi di Padova <i>Bachelor in Astronomy</i>	Padova (IT) 2005–2008
Liceo Classico G.B. Brocchi <i>Associate degree on Classical Letters</i>	Bassano del Grappa (IT) 2000–2005

Publications summary

123: Refereed publications, h-index 31

163: Total publications with >3100 refereed citations

10: First author refereed publications plus 4 non-refereed publications

Fundings & Grants as unique Principal Investigator

Summary : Total of 442 k€ as unique Principal investigator:

2020: ESO Comité Mixto, 50 k€

2019: Fondecyt Iniciación project, 95.8 k€

2018: Conicyt PAI project, 187.2 k€

2018: Semilla project, 7 k€

2016: Fondecyt Postdoctoral project, 90.9 k€

2015: "Borsa di studio Analisi dei dati IRDIS e IFS di SPHERE", 6.5 k€

2013: da Vinci bourse, 4.5 k€

Teaching

2020-current: Professor of the class of "Planetary systems" for the astrophysics PhD program of UDP, 4h/week (Chile)

2018-current: Professor of the class of “Simulación” for the 4th year of industrial engineers at UDP, 4h/week (Chile)
2016: Lectures of exoplanets for an advanced course of astronomy, 4h (Chile)
2016: Lecture of astronomy at the UDP, 2h (Chile)
2016: Lesson on exoplanets for professors, 2h (Chile)
2014: Conduct one day of lecture for a Ph.D. student on SPHERE data reduction (France)
2002-2012: Private lessons teacher of students of high school and University (Italy)

Students and post-doc supervision

2021-current: Supervisor of Trisha Bhowmik, post-doc Universidad Diego Portales (UDP, Chile)
2020-current: Supervisor of Pedro Nogueira, Ph.D. student of Universidad Diego Portales (UDP, Chile)
2017-2021: Supervisor of Cecilia Lazzoni, Ph.D. student of Università di Padova (Italy)
2017: Supervisor of a master student of Universidad de Chile for one semester (Chile)

Commission of trust

2021: SOC member of the “In the spirit of Lyot” conference
2020: SOC member of the SOCHIAS meeting
2020: Reviewer of the Fondecyt PhD projects
2019: SOC member of the conference “23rd International Microlensing Conference”, New York, USA
2018-current: Part of the CNTAC (chilean telescope time allocation) panel
2018-current: Director of a course of Astronomy at Universidad Diego Portales
2018-current: Referee for the Astrophysical Journal
2018: Reviewer of the ALMA-CONICYT post-doctoral projects
2016-2017: Organizer of the Disks and Planets seminars for Universidad de Chile, Catolica, and Diego Portales
2015-current: Core team member of the VLT/SPHERE instrument at ESO
2015-current: Co-I of the large program survey SHINE
2015-current: Co-I of the large program survey Disk with SPHERE
2015-current: Co-I of the large program survey Other Science with SPHERE
2013: SOC member of the workshop “Planet validation” in Marseille, France.
2012-2014: Co-I of the NACO-LP large observing program

Selected contributions at conferences

Summary: Total of 17 contributed talks in international conferences, 8 invited talks (marked with *), 5 seminars, and 4 posters
2020: * Invited review talk at the conference “5 years after HL Tau”, online
2020: * Invited key talk at the conference “XVI SOCHIAS annual meeting”, online
2019: Seminar at Rice University, Houston, USA
2019: Contributed talk at the conference “In the spirit of Lyot”, Tokyo, Japan
2019: * Invited review talk at the conference “The great barriers in planet formation”, Palm Cove, Australia
2019: * Invited talk at the conference “23rd International Microlensing Conference”, New York, USA
2018: Seminar at Università degli Studi di Padova, Italy
2018: * Invited key talk at the conference “Hide and seek”, Madrid, Spain
2018: * Invited talk at ESO, Santiago, Chile
2018: Contributed talk at the conference “OPSIII”, Santiago, Chile
2017: Contributed talk at the conference “Planets formation”, Shanghai, China
2017: * Invited review talk at the conference “EXO.AR”, Buenos Aires, Argentina
2017: Colloquium at University of Hawaii, USA
2016: * Invited seminar at Pontificia Universidad Católica, Chile
2016: Seminar at Universidad Diego Portales, Chile
2015: Contributed talk during the conference “Extreme Solar Systems III”, in Hawaii, USA
2015: Contributed talk during the conference “In the spirit of Lyot”, in Montréal, Canada

Allocated telescope time

ESO, VLT/NACO: 4 nights as Principal Investigator distributed in 2 different proposals (2017-2019)

ESO, VLT/SPHERE: 40 hours as Principal Investigator distributed in 8 different proposals (2017-2020)
ALMA: 51 hours as Principal Investigator distributed in 3 different proposals (2016-2018)
ESO, VLT/SPHERE: Co-I of the SPHERE Guaranteed Time Observations (GTO), ~ 300 night (2015-)
ALMA: Co-I of one large program and several OT proposals
Keck: Co-I of several open time proposals
ESO: Co-I of several open time proposals
LBT: Co-I of one open time proposal

Observation skills

2015-current: Part of the SPHERE GTO, with several visits per year (VLT, Chile)

2012-current: Visitor using several instruments of different telescopes: VLT, Keck, 3m telescope in Asiago.

Outreach

Chile: Participation to a documentary for the national television, two interviews for the most view TV news, director of the general astronomy outreach courses at Universidad Diego Portales, two interviews for the national radio, several public talks, ambassador of astronomy of Temuco, organizer of telescope observations.

France: Participation to “La fête de la science”, a day dedicated to share science with a wide public, Aix-en-Provence (France)

Italy: Participation to “La notte del ricercatore”, a day dedicated to share science with a wide public, Padova (Italy), interviews for the national and local press.

Publications list, refereed only

- [1] [Zurlo, Alice](#), Antonio Garufi, Sebastián Pérez, Felipe O. Alves, Josep M. Girart, Zhaohuan Zhu, Gabriel A. P. Franco, and L. Isedore Cleves. Near-IR observations of the young star [BHB2007]-1: A sub-stellar companion opening the gap in the disk. *arXiv e-prints*, *ApJ in press.*, page arXiv:2103.03881, March 2021.
- [2] S. Desidera, G. Chauvin, M. Bonavita, S. Messina, H. LeCoroller, T. Schmidt, R. Gratton, C. Lazzoni, M. Meyer, J. Schlieder, A. Cheetham, J. Hagelberg, M. Bonnefoy, M. Feldt, A-M. Lagrange, M. Langlois, A. Vigan, T. G. Tan, F. J. Hamsch, M. Millward, J. Alcala, S. Benatti, W. Brandner, J. Carson, E. Covino, P. Delorme, V. D’Orazi, M. Janson, E. Rigliaco, J. L. Beuzit, B. Biller, A. Boccaletti, C. Dominik, F. Cantalloube, C. Fontaniv, R. Galicher, Th. Henning, E. Lagadec, R. Ligi, A-L. Maire, F. Menard, D. Mesa, A. Muller, M. Samland, H. M. Schmid, E. Sissa, M. Turatto, S. Udry, [Zurlo, A.](#) Asensio-Torres, R., T. Kopytova, E. Rickman, L. Abe, J. Antichi, A. Baruffolo, P. Baudoz, J. Baudrand, P. Blanchard, A. Bazzon, T. Buey, M. Carillet, M. Carle, J. Charton, E. Cascone, R. Claudi, A. Costille, A. Deboulbe, V. De Caprio, K. Dohlen, D. Fantinel, P. Feautrier, T. Fusco, P. Gigan, E. Giro, D. Gisler, L. Gluck, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, F. Madec, Y. Magnard, P. Martinez, D. Maurel, D. Le Mignant, O. Moller-Nilsson, M. Llored, T. Moulin, A. Origine, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, J. Ramon, F. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, B. Salasnich, J. F. Sauvage, A. Sevin, C. Soenke, E. Stadler, M. Suarez, L. Weber, and F. Wildi. The SPHERE infrared survey for exoplanets (SHINE)- I Sample definition and target characterization. *arXiv e-prints*. *A&A in press.*, page arXiv:2103.04366, March 2021.
- [3] M. Langlois, R. Gratton, A. M. Lagrange, P. Delorme, A. Boccaletti, M. Bonnefoy, A. L. Maire, D. Mesa, G. Chauvin, S. Desidera, A. Vigan, A. Cheetham, J. Hagelberg, M. Feldt, M. Meyer, P. Rubini, H. Le Coroller, F. Cantalloube, B. Biller, M. Bonavita, T. Bhowmik, W. Brandner, S. Daemgen, V. D’Orazi, O. Flasseur, C. Fontanive, R. Galicher, J. Girard, P. Janin-Potiron, M. Janson, M. Keppler, T. Kopytova, E. Lagadec, J. Lannier, C. Lazzoni, R. Ligi, N. Meunier, A. Perreti, C. Perrot, L. Rodet, C. Romero, D. Rouan, M. Samland, G. Salter, E. Sissa, T. Schmidt, [Zurlo, A.](#), D. Mouillet, L. Denis, E. Thiebaut, J. Milli, Z. Wahhaj, J. L. Beuzit, C. Dominik, Th. Henning, F. Menard, A. Muller, H. M. Schmid, M. Turatto, S. Udry, L. Abe, J. Antichi, F. Allard, A. Baruffolo, P. Baudoz, J. Baudrand, A. Bazzon, P. Blanchard, M. Carillet, M. Carle, E. Cascone, J. Charton, R. Claudi, A. Costille, V. De Caprio, A. Delboulbe, K. Dohlen, D. Fantinel, P. Feautrier, T. Fusco, P. Gigan, E. Giro, D. Gisler, L. Gluck, C. Gry, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, D. Le Mignant, M. Llored, F. Madec, Y. Magnard, P. Martinez, D. Maurel, S. Messina, O. Moller-Nilsson, L. Mugnier, T. Moulin, A. Origine, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, J. Ramos, F. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, B. Salasnich, J. F. Sauvage, A. Sevin, C. Soenke, E. Stadler, M. Suarez, L. Weber, F. Wildi, and E. Rickman. The SPHERE infrared survey for exoplanets (SHINE) – II. Observations, Data reduction and analysis Detection performances and early-results. *arXiv e-prints*, *A&A in press.*, page arXiv:2103.03976, March 2021.
- [4] V. Christiaens, M. G. Ubeira-Gabellini, H. Cánovas, P. Delorme, B. Pairet, O. Absil, S. Casassus, J. H. Girard, [Zurlo, A.](#), Y. Aoyama, G. D. Marleau, L. Spina, N. van der Marel, L. Cieza, G. Lodato, S. Pérez, C. Pinte, D. J. Price, and M. Reggiani. A faint companion around CrA-9: protoplanet or obscured binary? *MNRAS*, February 2021.
- [5] R. G. van Holstein, T. Stolker, R. Jensen-Clem, C. Ginski, J. Milli, J. de Boer, J. H. Girard, Z. Wahhaj, A. J. Bohn, M. A. Millar-Blanchaer, M. Benisty, M. Bonnefoy, G. Chauvin, C. Dominik, S. Hinkley, C. U. Keller, M. Keppler, M. Langlois, S. Marino, F. Ménard, C. Perrot, T. O. B. Schmidt, A. Vigan, [Zurlo, A.](#), and F. Snik. A survey of the linear polarization of directly imaged exoplanets and brown dwarf companions with SPHERE-IRDIS. First polarimetric detections revealing disks around DH Tau B and GSC 6214-210 B. *A&A*, 647:A21, March 2021.
- [6] D. Mesa, S. Marino, M. Bonavita, C. Lazzoni, C. Fontanive, S. Perez, V. D’Orazi, S. Desidera, R. Gratton, N. Engler, T. Henning,

- M. Janson, Q. Kral, M. Langlois, S. Messina, J. Milli, N. Pawellek, C. Perrot, E. Rigliaco, E. Rickman, V. Squicciarini, A. Vigan, Z. Wahhaj, [Zurlo, A.](#), A. Boccaletti, M. Bonnefoy, G. Chauvin, V. De Caprio, M. Feldt, L. Gluck, J. Hagelberg, M. Keppler, A. M. Lagrange, R. Launhardt, A. L. Maire, M. Meyer, O. Moeller-Nilsson, A. Pavlov, M. Samland, T. Schmidt, and L. Weber. Limits on the presence of planets in systems with debris disks: HD 92945 and HD 107146. *arXiv e-prints, A&A in press.*, page arXiv:2102.05353, February 2021.
- [7] Lucas A. Cieza, Camilo González-Ruilova, Antonio S. Hales, Paola Pinilla, Dary Ruíz-Rodríguez, [Zurlo, Alice](#), Simón Casassus, Sebastián Pérez, Hector Cánovas, Carla Arce-Tord, Mario Flock, Nicolas Kurtovic, Sebastian Marino, Pedro H. Nogueira, Laura Perez, Daniel J. Price, David A. Principe, and Jonathan P. Williams. The Ophiuchus Disc Survey Employing ALMA (ODISEA) - III. The evolution of substructures in massive discs at 3-5 au resolution. *MNRAS*, 501(2):2934–2953, February 2021.
- [8] [Zurlo, Alice](#), Lucas A. Cieza, Megan Ansdell, Valentin Christiaens, Sebastián Pérez, Josh Lovell, Dino Mesa, Jonathan P. Williams, Camilo Gonzalez-Ruilova, Rosamaria Carraro, Dary Ruíz-Rodríguez, and Mark Wyatt. The effect of stellar multiplicity on protoplanetary discs: a near-infrared survey of the Lupus star-forming region. *MNRAS*, 501(2):2305–2315, February 2021.
- [9] R. Gratton, V. D'Orazi, T. A. Pacheco, [Zurlo, A.](#), S. Desidera, J. Meléndez, D. Mesa, R. Claudi, M. Janson, M. Langlois, E. Rickman, M. Samland, T. Moulin, C. Soenke, E. Cascone, J. Ramos, F. Rigal, H. Avenhaus, J. L. Beuzit, B. Biller, A. Boccaletti, M. Bonavita, M. Bonnefoy, W. Brandner, G. Chauvin, M. Cudel, S. Daemgen, P. Delorme, C. Desgrange, N. Engler, M. Feldt, C. Fontanive, R. Galicher, A. Garufi, D. Gasparri, C. Ginski, J. Girard, J. Hagelberg, S. Hunziker, M. Kasper, M. Keppler, A. M. Lagrange, J. Lannier, C. Lazzoni, H. Le Coroller, R. Ligi, M. Lombart, A. L. Maire, M. R. Mayer, S. Mazevet, F. Ménard, D. Mouillet, C. Perrot, S. Peretti, S. Petrus, A. Potier, D. Rouan, H. M. Schmid, T. O. B. Schmidt, E. Sissa, T. Stolker, G. Salter, A. Vigan, and F. Wildi. Investigating three Sirius-like systems with SPHERE. *A&A*, 646:A61, February 2021.
- [10] Z. Wahhaj, J. Milli, C. Romero, L. Cieza, [Zurlo, A.](#), A. Vigan, E. Peña, G. Valdes, F. Cantalloube, J. Girard, and B. Pantoja. A search for a 5th planet around HR 8799 using the star-hopping RDI technique at VLT/SPHERE. *arXiv e-prints. A&A in press.*, page arXiv:2101.08268, January 2021.
- [11] B. A. Biller, D. Apai, M. Bonnefoy, S. Desidera, R. Gratton, M. Kasper, M. Kenworthy, A. M. Lagrange, C. Lazzoni, D. Mesa, A. Vigan, K. Wagner, J. M. Vos, and [Zurlo, A.](#) A High-Contrast Search for Variability in HR 8799bc with VLT-SPHERE. *MNRAS*, January 2021.
- [12] A. Vigan, C. Fontanive, M. Meyer, B. Biller, M. Bonavita, M. Feldt, S. Desidera, G. D. Marleau, A. Emsenhuber, R. Galicher, K. Rice, D. Forgan, C. Mordasini, R. Gratton, H. Le Coroller, A. L. Maire, F. Cantalloube, G. Chauvin, A. Cheetham, J. Hagelberg, A. M. Lagrange, M. Langlois, M. Bonnefoy, J. L. Beuzit, A. Boccaletti, V. D'Orazi, P. Delorme, C. Dominik, Th. Henning, M. Janson, E. Lagadec, C. Lazzoni, R. Ligi, F. Menard, D. Mesa, S. Messina, C. Moutou, A. Müller, C. Perrot, M. Samland, H. M. Schmid, T. Schmidt, E. Sissa, M. Turatto, S. Udry, [Zurlo, A.](#), L. Abe, J. Antichi, R. Asensio-Torres, A. Baruffolo, P. Baudoz, J. Baudrand, A. Bazzon, P. Blanchard, A. J. Bohn, S. Brown Sevilla, M. Carbillet, M. Carle, E. Cascone, J. Charton, R. Claudi, A. Costille, V. De Caprio, A. Delboulbé, K. Dohlen, N. Engler, D. Fantinel, P. Feautrier, T. Fusco, P. Gigan, J. H. Girard, E. Giro, D. Gisler, L. Gluck, C. Gry, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, D. Le Mignant, M. Llored, F. Madec, Y. Magnard, P. Martinez, D. Maurel, O. Möller-Nilsson, D. Mouillet, T. Moulin, A. Origné, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, J. Ramos, E. L. Rickman, F. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, B. Salasnich, J. F. Sauvage, A. Sevin, C. Soenke, E. Stadler, M. Suarez, Z. Wahhaj, L. Weber, and F. Wildi. The SPHERE infrared survey for exoplanets (SHINE). III. The demographics of young giant exoplanets below 300 au with SPHERE. *arXiv e-prints. A&A in press.*, page arXiv:2007.06573, July 2020.
- [13] M. Kasper, K. K. R. Santhakumari, T. M. Herbst, R. van Boekel, F. Menard, R. Gratton, R. G. van Holstein, M. Langlois, C. Ginski, A. Boccaletti, M. Benisty, J. de Boer, P. Delorme, S. Desidera, C. Dominik, J. Hagelberg, T. Henning, J. Heidt, R. Köhler, D. Mesa, S. Messina, A. Pavlov, C. Petit, E. Rickman, A. Roux, F. Rigal, A. Vigan, Z. Wahhaj, and [Zurlo, A.](#) A triple star in disarray. Multi-epoch observations of T Tauri with VLT-SPHERE and LBT-LUCI. *A&A*, 644:A114, December 2020.
- [14] Felipe O. Alves, L. Ilseore Cleeves, Josep M. Girart, Zhaohuan Zhu, Gabriel A. P. Franco, [Zurlo, Alice](#), and Paola Caselli. A Case of Simultaneous Star and Planet Formation. *ApJ*, 904(1):L6, November 2020.
- [15] Camilo González-Ruilova, Lucas A. Cieza, Antonio S. Hales, Sebastián Pérez, [Zurlo, Alice](#), Carla Arce-Tord, Simón Casassus, Hector Cánovas, Mario Flock, Gregory J. Herczeg, Paola Pinilla, Daniel J. Price, David A. Principe, Dary Ruíz-Rodríguez, and Jonathan P. Williams. A Tale of Two Transition Disks: ALMA Long-baseline Observations of ISO-Oph 2 Reveal Two Closely Packed Nonaxisymmetric Rings and a ~ 2 au Cavity. *ApJ*, 902(2):L33, October 2020.
- [16] C. Ginski, F. Ménard, Ch. Rab, E. E. Mamajek, R. G. van Holstein, M. Benisty, C. F. Manara, R. Asensio Torres, A. Bohn, T. Birnstiel, P. Delorme, S. Facchini, A. Garufi, R. Gratton, M. Hogerheijde, J. Huang, M. Kenworthy, M. Langlois, P. Pinilla, C. Pinte, Á. Ribas, G. Rosotti, T. O. B. Schmidt, M. van den Ancker, Z. Wahhaj, L. B. F. M. Waters, J. Williams, and [Zurlo, A.](#) Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYs): A close low-mass companion to ET Cha. *A&A*, 642:A119, October 2020.
- [17] A. M. Lagrange, P. Rubini, M. Nowak, S. Lacour, A. Grandjean, A. Boccaletti, M. Langlois, P. Delorme, R. Gratton, J. Wang, O. Flasseur, R. Galicher, Q. Kral, N. Meunier, H. Beust, C. Babusiaux, H. Le Coroller, P. Thebault, P. Kervella, [Zurlo, A.](#), A. L. Maire, Z. Wahhaj, A. Amorim, R. Asensio-Torres, M. Benisty, J. P. Berger, M. Bonnefoy, W. Brandner, F. Cantalloube, B. Charnay, G. Chauvin, E. Choquet, Y. Clénet, V. Christiaens, V. Coudé Du Foresto, P. T. de Zeeuw, S. Desidera, G. Duvert, A. Eckart, F. Eisenhauer, F. Galland, F. Gao, P. Garcia, R. Garcia Lopez, E. Gendron, R. Genzel, S. Gillessen, J. Girard, J. Hagelberg, X. Haubois, T. Henning, G. Heissel, S. Hippler, M. Horrobin, M. Janson, J. Kammerer, M. Kenworthy, M. Keppler, L. Kreidberg, V. Lapeyrère, J. B. Le Bouquin, P. Léna, A. Mérand, S. Messina, P. Mollière, J. D. Monnier, T. Ott, G. Otten, T. Paumard, C. Paladini, K. Perraut, G. Perrin, L. Pueyo, O. Pfuhl, L. Rodet, G. Rodriguez-Coira, G. Rousset, M. Samland, J. Shanguan,

- T. Schmidt, O. Straub, C. Straubmeier, T. Stolker, A. Vigan, F. Vincent, F. Widmann, J. Woillez, and Gravity Collaboration. Unveiling the β Pictoris system, coupling high contrast imaging, interferometric, and radial velocity data. *A&A*, 642:A18, October 2020.
- [18] F. Lagos, M. R. Schreiber, S. G. Parsons, [Zurlo, A.](#), D. Mesa, B. T. Gänsicke, R. Brahm, C. Caceres, H. Canovas, M. S. Hernandez, A. Jordan, D. Koester, L. Schmidtbreick, C. Tappert, and M. Zorotovic. Erratum: The White Dwarf Binary Pathways Survey - III. Contamination from hierarchical triples containing a white dwarf. *MNRAS*, 498(2):2662–2662, September 2020.
- [19] Antonio S. Hales, Sebastián Pérez, Camilo Gonzalez-Ruilova, Lucas A. Cieza, Jonathan P. Williams, Patrick D. Sheehan, Cristián López, Simon Casassus, David A. Principe, and [Zurlo, Alice](#). ALMA Observations of Young Eruptive Stars: Continuum Disk Sizes and Molecular Outflows. *ApJ*, 900(1):7, September 2020.
- [20] C. Lazzoni, [Zurlo, A.](#), S. Desidera, D. Mesa, C. Fontanive, M. Bonavita, S. Ertel, K. Rice, A. Vigan, A. Boccaletti, M. Bonnefoy, G. Chauvin, P. Delorme, R. Gratton, M. Houllé, A. L. Maire, M. Meyer, E. Rickman, E. A. Spalding, R. Asensio-Torres, M. Langlois, A. Müller, J. L. Baudino, J. L. Beuzit, B. Biller, W. Brandner, E. Buenzli, F. Cantalloube, A. Cheetham, M. Cudel, M. Feldt, R. Galicher, M. Janson, J. Hagelberg, T. Henning, M. Kasper, M. Keppler, A. M. Lagrange, J. Lannier, H. LeCoroller, D. Mouillet, S. Peretti, C. Perrot, G. Salter, M. Samland, T. Schmidt, E. Sissa, and F. Wildi. The search for disks or planetary objects around directly imaged companions: a candidate around DH Tauri B. *A&A*, 641:A131, September 2020.
- [21] E. Rigliaco, R. Gratton, Á. Kóspál, D. Mesa, V. D’Orazi, P. Ábrahám, S. Desidera, C. Ginski, R. G. van Holstein, C. Dominik, A. Garufi, T. Henning, F. Menard, [Zurlo, A.](#), A. Baruffolo, D. Maurel, P. Blanchard, and L. Weber. The circumstellar environment of EX Lupi: SPHERE and SINFONI views. *A&A*, 641:A33, September 2020.
- [22] S. Marino, [Zurlo, A.](#), V. Faramaz, J. Milli, Th Henning, G. M. Kennedy, L. Matrà, S. Pérez, P. Delorme, L. A. Cieza, and A. M. Hughes. Insights into the planetary dynamics of HD 206893 with ALMA. *MNRAS*, 498(1):1319–1334, August 2020.
- [23] P. Mollière, T. Stolker, S. Lacour, G. P. P. L. Otten, J. Shangguan, B. Charnay, T. Molyarova, M. Nowak, Th. Henning, G. D. Marleau, D. A. Semenov, E. van Dishoeck, F. Eisenhauer, P. Garcia, R. Garcia Lopez, J. H. Girard, A. Z. Greenbaum, S. Hinkley, P. Kervella, L. Kreidberg, A. L. Maire, E. Nasedkin, L. Pueyo, I. A. G. Snellen, A. Vigan, J. Wang, P. T. de Zeeuw, and [Zurlo, A.](#) Retrieving scattering clouds and disequilibrium chemistry in the atmosphere of HR 8799e. *A&A*, 640:A131, August 2020.
- [24] [Zurlo, Alice](#), Lucas A. Cieza, Sebastián Pérez, Valentin Christiaens, Jonathan P. Williams, Greta Guidi, Hector Cánovas, Simon Casassus, Antonio Hales, David A. Principe, Dary Ruíz-Rodríguez, and Antonia Fernandez-Figueroa. The Ophiuchus Disc Survey Employing ALMA (ODISEA) - II. The effect of stellar multiplicity on disc properties. *MNRAS*, 496(4):5089–5100, July 2020.
- [25] F. Ménard, N. Cuello, C. Ginski, G. van der Plas, M. Villenave, J. F. Gonzalez, C. Pinte, M. Benisty, A. Boccaletti, D. J. Price, Y. Boehler, S. Chripko, J. de Boer, C. Dominik, A. Garufi, R. Gratton, J. Hagelberg, Th. Henning, M. Langlois, A. L. Maire, P. Pinilla, G. J. Ruane, H. M. Schmid, R. G. van Holstein, A. Vigan, [Zurlo, A.](#), N. Hubin, A. Pavlov, S. Rochat, J. F. Sauvage, and E. Stadler. Ongoing flyby in the young multiple system UX Tauri. *A&A*, 639:L1, July 2020.
- [26] H. Le Coroller, M. Nowak, P. Delorme, G. Chauvin, R. Gratton, M. Devinat, J. Bec-Canet, A. Schneeberger, D. Estevez, L. Arnold, H. Beust, M. Bonnefoy, A. Boccaletti, C. Desgrange, S. Desidera, R. Galicher, A. M. Lagrange, M. Langlois, A. L. Maire, F. Menard, P. Vernazza, A. Vigan, [Zurlo, A.](#), T. Fenouillet, J. C. Lambert, M. Bonavita, A. Cheetham, V. D’orazi, M. Feldt, M. Janson, R. Ligi, D. Mesa, M. Meyer, M. Samland, E. Sissa, J. L. Beuzit, K. Dohlen, T. Fusco, D. Le Mignant, D. Mouillet, J. Ramos, S. Rochat, and J. F. Sauvage. K-Stacker: an algorithm to hack the orbital parameters of planets hidden in high-contrast imaging. First applications to VLT/SPHERE multi-epoch observations. *A&A*, 639:A113, July 2020.
- [27] M. Keppler, A. Penzlin, M. Benisty, R. van Boekel, T. Henning, R. G. van Holstein, W. Kley, A. Garufi, C. Ginski, W. Brandner, G. H. M. Bertrang, A. Boccaletti, J. de Boer, M. Bonavita, S. Brown Sevilla, G. Chauvin, C. Dominik, M. Janson, M. Langlois, G. Lodato, A. L. Maire, F. Ménard, E. Pantin, C. Pinte, T. Stolker, J. Szulágyi, P. Thebault, M. Villenave, [Zurlo, A.](#), P. Rabou, P. Feautrier, M. Feldt, F. Madec, and F. Wildi. Gap, shadows, spirals, and streamers: SPHERE observations of binary-disk interactions in GG Tauri A. *A&A*, 639:A62, July 2020.
- [28] A. L. Maire, K. Molaverdikhani, S. Desidera, T. Trifonov, P. Mollière, V. D’Orazi, N. Frankel, J. L. Baudino, S. Messina, A. Müller, B. Charnay, A. C. Cheetham, P. Delorme, R. Ligi, M. Bonnefoy, W. Brandner, D. Mesa, F. Cantalloube, R. Galicher, T. Henning, B. A. Biller, J. Hagelberg, A. M. Lagrange, B. Lavie, E. Rickman, D. Ségransan, S. Udry, G. Chauvin, R. Gratton, M. Langlois, A. Vigan, M. R. Meyer, J. L. Beuzit, T. Bhowmik, A. Boccaletti, C. Lazzoni, C. Perrot, T. Schmidt, [Zurlo, A.](#), L. Gluck, J. Pragt, J. Ramos, R. Roelfsema, A. Roux, and J. F. Sauvage. Orbital and spectral characterization of the benchmark T-type brown dwarf HD 19467B. *A&A*, 639:A47, July 2020.
- [29] R. Gratton, [Zurlo, A.](#), H. Le Coroller, M. Damasso, F. Del Sordo, M. Langlois, D. Mesa, J. Milli, G. Chauvin, S. Desidera, J. Hagelberg, E. Lagadec, A. Vigan, A. Boccaletti, M. Bonnefoy, W. Brandner, S. Brown, F. Cantalloube, P. Delorme, V. D’Orazi, M. Feldt, R. Galicher, T. Henning, M. Janson, P. Kervella, A. M. Lagrange, C. Lazzoni, R. Ligi, A. L. Maire, F. Ménard, M. Meyer, L. Mugnier, A. Potier, E. L. Rickman, L. Rodet, C. Romero, T. Schmidt, E. Sissa, A. Sozzetti, J. Szulágyi, Z. Wahhaj, J. Antichi, T. Fusco, E. Stadler, M. Suarez, and F. Wildi. Searching for the near-infrared counterpart of Proxima c using multi-epoch high-contrast SPHERE data at VLT. *A&A*, 638:A120, June 2020.
- [30] G. A. Muro-Arena, C. Ginski, C. Dominik, M. Benisty, P. Pinilla, A. J. Bohn, T. Moldenhauer, W. Kley, D. Harsono, T. Henning, R. G. van Holstein, M. Janson, M. Keppler, F. Ménard, L. M. Pérez, T. Stolker, M. Tazzari, M. Villenave, [Zurlo, A.](#), C. Petit, F. Rigal, O. Möller-Nilsson, M. Llored, T. Moulin, and P. Rabou. Spirals inside the millimeter cavity of transition disk SR 21. *A&A*, 636:L4, April 2020.
- [31] F. Lagos, M. R. Schreiber, S. G. Parsons, [Zurlo, A.](#), D. Mesa, B. T. Gänsicke, R. Brahm, C. Caceres, H. Canovas, M. S. Hernandez, A. Jordan, D. Koester, L. Schmidtbreick, C. Tappert, and M. Zorotovic. The White Dwarf Binary Pathways Survey -III. Contamination from hierarchical triples containing a white dwarf. *MNRAS*, 494(1):915–922, March 2020.

- [32] C. Lazzoni, R. Gratton, J. M. Alcalá, S. Desidera, A. Frasca, C. F. Manara, D. Mesa, E. Rigliaco, A. Vigan, and [Zurlo, A.](#) Disk of 2MASS 15491331-3539118 = GQ Lup C as seen by HST and WISE. *A&A*, 635:L11, March 2020.
- [33] G. A. Muro-Arena, M. Benisty, C. Ginski, C. Dominik, S. Facchini, M. Villenave, R. van Boekel, G. Chauvin, A. Garufi, T. Henning, M. Janson, M. Keppler, A. Matter, F. Ménard, T. Stolker, [Zurlo, A.](#), P. Blanchard, D. Maurel, O. Moeller-Nilsson, C. Petit, A. Roux, A. Sevin, and F. Wildi. Shadowing and multiple rings in the protoplanetary disk of HD 139614. *A&A*, 635:A121, March 2020.
- [34] N. Engler, C. Lazzoni, R. Gratton, J. Milli, H. M. Schmid, G. Chauvin, Q. Kral, N. Pawellek, P. Thébault, A. Boccaletti, M. Bonnefoy, S. Brown, T. Buey, F. Cantalloube, M. Carle, A. Cheetham, S. Desidera, M. Feldt, C. Ginski, D. Gisler, Th. Henning, S. Hunziker, A. M. Lagrange, M. Langlois, D. Mesa, M. R. Meyer, O. Moeller-Nilsson, J. Olofsson, C. Petit, S. Petrus, S. P. Quanz, E. Rickman, E. Stadler, T. Stolker, A. Vigan, F. Wildi, and [Zurlo, A.](#) HD 117214 debris disk: scattered-light images and constraints on the presence of planets. *A&A*, 635:A19, March 2020.
- [35] M. Bonavita, C. Fontanive, S. Desidera, V. D'Orazi, [Zurlo, A.](#), K. Mužić, B. Biller, R. Gratton, D. Mesa, and A. Sozzetti. A new white dwarf companion around the $\Delta\mu$ star GJ 3346. *MNRAS*, 494(3):3481–3490, February 2020.
- [36] Karina Maucó, Johan Olofsson, Hector Canovas, Matthias R. Schreiber, Valentin Christiaens, Amelia Bayo, [Zurlo, Alice](#), Claudio Cáceres, Christophe Pinte, Eva Villaver, Julien H. Girard, Lucas Cieza, and Matías Montesinos. NaCo polarimetric observations of Sz 91 transitional disc: a remarkable case of dust filtering. *MNRAS*, 492(2):1531–1542, February 2020.
- [37] S. Hunziker, H. M. Schmid, D. Mouillet, J. Milli, [Zurlo, A.](#), P. Delorme, L. Abe, H. Avenhaus, A. Baruffolo, A. Bazzon, A. Boccaletti, P. Baudoz, J. L. Beuzit, M. Carillet, G. Chauvin, R. Claudi, A. Costille, J. B. Daban, S. Desidera, K. Dohlen, C. Dominik, M. Downing, N. Engler, M. Feldt, T. Fusco, C. Ginski, D. Gisler, J. H. Girard, R. Gratton, Th. Henning, N. Hubin, M. Kasper, C. U. Keller, M. Langlois, E. Lagadec, P. Martinez, A. L. Maire, F. Menard, M. R. Meyer, A. Pavlov, J. Pragt, P. Puget, S. P. Quanz, E. Rickman, R. Roelfsema, B. Salasnich, J. F. Sauvage, R. Siebenmorgen, E. Sissa, F. Snik, M. Suarez, J. Szulágyi, Ch. Thalmann, M. Turatto, S. Udry, R. G. van Holstein, A. Vigan, and F. Wildi. RefPlanets: Search for reflected light from extrasolar planets with SPHERE/ZIMPOL. *A&A*, 634:A69, February 2020.
- [38] Sebastián Pérez, Simon Casassus, Antonio Hales, Sebastián Marino, Anthony Cheetham, [Zurlo, Alice](#), Lucas Cieza, Ruobing Dong, Felipe Alarcón, Pablo Benítez-Llambay, Ed Fomalont, and Henning Avenhaus. Long Baseline Observations of the HD 100546 Protoplanetary Disk with ALMA. *ApJ*, 889(1):L24, January 2020.
- [39] Sebastián Pérez, Antonio Hales, Haoyu Baobab Liu, Zhaohuan Zhu, Simon Casassus, Jonathan Williams, [Zurlo, Alice](#), Nicolás Cuello, Lucas Cieza, and David Principe. Resolving the FU Orionis System with ALMA: Interacting Twin Disks? *ApJ*, 889(1):59, January 2020.
- [40] [Zurlo, A.](#), G. Cugno, M. Montesinos, S. Perez, H. Canovas, S. Casassus, V. Christiaens, L. Cieza, and N. Huelamo. The widest H α survey of accreting protoplanets around nearby transition disks. *A&A*, 633:A119, January 2020.
- [41] A. Garufi, H. Avenhaus, S. Pérez, S. P. Quanz, R. G. van Holstein, G. H. M. Bertrang, S. Casassus, L. Cieza, D. A. Principe, G. van der Plas, and [Zurlo, A.](#) Disks Around T Tauri Stars with SPHERE (DARTTS-S). II. Twenty-one new polarimetric images of young stellar disks. *A&A*, 633:A82, January 2020.
- [42] D. Mesa, M. Keppler, F. Cantalloube, L. Rodet, B. Charnay, R. Gratton, M. Langlois, A. Boccaletti, M. Bonnefoy, A. Vigan, O. Flasseur, J. Bae, M. Benisty, G. Chauvin, J. de Boer, S. Desidera, T. Henning, A. M. Lagrange, M. Meyer, J. Milli, A. Müller, B. Pairet, [Zurlo, A.](#), S. Antonucci, J. L. Baudino, S. Brown Sevilla, E. Cascone, A. Cheetham, R. U. Claudi, P. Delorme, V. D'Orazi, M. Feldt, J. Hagelberg, M. Janson, Q. Kral, E. Lagadec, C. Lazzoni, R. Ligi, A. L. Maire, P. Martinez, F. Menard, N. Meunier, C. Perrot, S. Petrus, C. Pinte, E. L. Rickman, S. Rochat, D. Rouan, M. Samland, J. F. Sauvage, T. Schmidt, S. Udry, L. Weber, and F. Wildi. VLT/SPHERE exploration of the young multiplanetary system PDS70. *A&A*, 632:A25, Dec 2019.
- [43] E. Rigliaco, R. Gratton, D. Mesa, V. D'Orazi, M. Bonnefoy, J. M. Alcalá, S. Antonucci, F. Bacciotti, M. Dima, B. Nisini, L. Podio, M. Barbieri, R. Claudi, S. Desidera, A. Garufi, E. Hugot, M. Janson, M. Langlois, E. L. Rickman, E. Sissa, M. Ubeira Gabellini, G. van der Plas, A. [Zurlo](#), Y. Magnard, D. Perret, R. Roelfsema, and L. Weber. Investigating the nature of the extended structure around the Herbig star RCrA using integral field and high-resolution spectroscopy. *A&A*, 632:A18, Dec 2019.
- [44] J. L. Beuzit, A. Vigan, D. Mouillet, K. Dohlen, R. Gratton, A. Boccaletti, J. F. Sauvage, H. M. Schmid, M. Langlois, C. Petit, A. Baruffolo, M. Feldt, J. Milli, Z. Wahhaj, L. Abe, U. Anselmi, J. Antichi, R. Barette, J. Baudrand, P. Baudoz, A. Bazzon, P. Bernardi, P. Blanchard, R. Brast, P. Bruno, T. Buey, M. Carillet, M. Carle, E. Cascone, F. Chapron, J. Charton, G. Chauvin, R. Claudi, A. Costille, V. De Caprio, J. de Boer, A. Delboulbé, S. Desidera, C. Dominik, M. Downing, O. Dupuis, C. Fabron, D. Fantinel, G. Farisato, P. Feautrier, E. Fedrigo, T. Fusco, P. Gigan, C. Ginski, J. Girard, E. Giro, D. Gisler, L. Gluck, C. Gry, T. Henning, N. Hubin, E. Hugot, S. Incorvaia, M. Jaquet, M. Kasper, E. Lagadec, A. M. Lagrange, H. Le Coroller, D. Le Mignant, B. Le Ruyet, G. Lessio, J. L. Lizon, M. Llored, L. Lundin, F. Madec, Y. Magnard, M. Marteaude, P. Martinez, D. Maurel, F. Ménard, D. Mesa, O. Möller-Nilsson, T. Moulin, C. Moutou, A. Origné, J. Parisot, A. Pavlov, D. Perret, J. Pragt, P. Puget, P. Rabou, J. Ramos, J. M. Reess, F. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, M. Saisse, B. Salasnich, E. Santambrogio, S. Scuderi, D. Segransan, A. Sevin, R. Siebenmorgen, C. Soenke, E. Stadler, M. Suarez, D. Tiphène, M. Turatto, S. Udry, F. Vakili, L. B. F. M. Waters, L. Weber, F. Wildi, G. Zins, and [Zurlo, A.](#) SPHERE: the exoplanet imager for the Very Large Telescope. *A&A*, 631:A155, Nov 2019.
- [45] J. Olofsson, J. Milli, P. Thébault, Q. Kral, F. Ménard, M. Janson, J. C. Augereau, A. Bayo, J. C. Beamín, Th. Henning, D. Iglesias, G. M. Kennedy, M. Montesinos, N. Pawellek, M. R. Schreiber, C. Zamora, M. Carillet, P. Feautrier, T. Fusco, F. Madec, P. Rabou, A. Sevin, J. Szulágyi, and [Zurlo, A.](#) Dust production in the debris disk around HR 4796 A. *A&A*, 630:A142, Oct 2019.
- [46] S. Peretti, D. Segransan, B. Lavie, S. Desidera, A. L. Maire, V. D'Orazi, A. Vigan, J. L. Baudino, A. Cheetham, M. Janson, G. Chauvin, J. Hagelberg, F. Menard, Kevin Heng, S. Udry, A. Boccaletti, S. Daemgen, H. Le Coroller, D. Mesa, D. Rouan,

- M. Samland, T. Schmidt, [Zurlo, A.](#), M. Bonnefoy, M. Feldt, R. Gratton, A. M. Lagrange, M. Langlois, M. Meyer, M. Carillet, M. Carle, V. De Caprio, L. Gluck, E. Hugot, Y. Magnard, T. Moulin, A. Pavlov, J. Pragt, P. Rabou, J. Ramos, G. Rousset, A. Sevin, C. Soenke, E. Stadler, L. Weber, and F. Wildi. Orbital and spectral analysis of the benchmark brown dwarf HD 4747B. *A&A*, 631:A107, Nov 2019.
- [47] A. Grandjean, A. M. Lagrange, H. Beust, L. Rodet, J. Milli, P. Rubini, C. Babusiaux, N. Meunier, P. Delorme, S. Aigrain, N. Zicher, M. Bonnefoy, B. A. Biller, J. L. Baudino, M. Bonavita, A. Boccaletti, A. Cheetham, J. H. Girard, J. Hagelberg, M. Janson, J. Lannier, C. Lazzoni, R. Ligi, A. L. Maire, D. Mesa, C. Perrot, D. Rouan, and [Zurlo, A.](#) Constraining the properties of HD 206893 B. A combination of radial velocity, direct imaging, and astrometry data (Corrigendum). *A&A*, 629:C1, Sep 2019.
- [48] Nicole Pawellek, Attila Moór, Julien Milli, Ágnes Kóspál, Johan Olofsson, Péter Ábrahám, Miriam Keppler, Quentin Kral, Adriana Pohl, Jean-Charles Augereau, Anthony Boccaletti, Gaël Chauvin, Élodie Choquet, Natalia Engler, Thomas Henning, Maud Langlois, Eve J. Lee, François Ménard, Philippe Thébault, and [Zurlo, Alice](#). A multiwavelength study of the debris disc around 49 Cet. *MNRAS*, 488(3):3507–3525, Sep 2019.
- [49] Sebastián Pérez, Sebastián Marino, Simon Casassus, Clément Baruteau, [Zurlo, Alice](#), Christian Flores, and Gael Chauvin. Upper limits on protolunar disc masses using ALMA observations of directly imaged exoplanets. *MNRAS*, 488(1):1005–1011, Sep 2019.
- [50] D. Mesa, M. Langlois, A. Garufi, R. Gratton, S. Desidera, V. D’Orazi, O. Flasseur, M. Barbieri, M. Benisty, T. Henning, R. Ligi, E. Sissa, A. Vigan, [Zurlo, A.](#), A. Boccaletti, M. Bonnefoy, F. Cantalloube, G. Chauvin, A. Cheetham, V. De Caprio, P. Delorme, M. Feldt, T. Fusco, L. Gluck, J. Hagelberg, A. M. Lagrange, C. Lazzoni, F. Madec, A. L. Maire, F. Menard, M. Meyer, J. Ramos, E. L. Rickman, D. Rouan, T. Schmidt, and G. Van der Plas. Determining mass limits around HD 163296 through SPHERE direct imaging data. *MNRAS*, 488(1):37–46, Sep 2019.
- [51] A. Garufi, L. Podio, F. Bacciotti, S. Antonucci, A. Boccaletti, C. Codella, C. Dougados, F. Ménard, D. Mesa, M. Meyer, B. Nisini, H. M. Schmid, T. Stolker, J. L. Baudino, B. Biller, M. Bonavita, M. Bonnefoy, F. Cantalloube, G. Chauvin, A. Cheetham, S. Desidera, V. D’Orazi, M. Feldt, R. Galicher, A. Grandjean, R. Gratton, J. Hagelberg, A. M. Lagrange, M. Langlois, J. Lannier, C. Lazzoni, A. L. Maire, C. Perrot, E. Rickman, T. Schmidt, A. Vigan, [Zurlo, A.](#), A. Delboulbé, D. Le Mignant, D. Fantinel, O. Möller-Nilsson, L. Weber, and J. F. Sauvage. SPHERE view of the jet and the envelope of RY Tauri. *A&A*, 628:A68, Aug 2019.
- [52] A. Grandjean, A. M. Lagrange, H. Beust, L. Rodet, J. Milli, P. Rubini, C. Babusiaux, N. Meunier, P. Delorme, S. Aigrain, N. Zicher, M. Bonnefoy, B. A. Biller, J. L. Baudino, M. Bonavita, A. Boccaletti, A. Cheetham, J. H. Girard, J. Hagelberg, M. Janson, J. Lannier, C. Lazzoni, R. Ligi, A. L. Maire, D. Mesa, C. Perrot, D. Rouan, and [Zurlo, A.](#) Constraining the properties of HD 206893 B. A combination of radial velocity, direct imaging, and astrometry data. *A&A*, 627:L9, Jul 2019.
- [53] J. Milli, N. Engler, H. M. Schmid, J. Olofsson, F. Ménard, Q. Kral, A. Boccaletti, P. Thébault, E. Choquet, D. Mouillet, A. M. Lagrange, J. C. Augereau, C. Pinte, G. Chauvin, C. Dominik, C. Perrot, [Zurlo, A.](#), T. Henning, J. L. Beuzit, H. Avenhaus, A. Bazzon, T. Moulin, M. Llored, O. Moeller-Nilsson, R. Roelfsema, and J. Pragt. Optical polarised phase function of the HR 4796A dust ring. *A&A*, 626:A54, Jun 2019.
- [54] Jonathan P. Williams, Lucas Cieza, Antonio Hales, Megan Ansdell, Dary Ruiz-Rodriguez, Simon Casassus, Sebastian Perez, and [Zurlo, Alice](#). The Ophiuchus Disk Survey Employing ALMA (ODISEA): Disk Dust Mass Distributions across Protostellar Evolutionary Classes. *ApJ*, 875(2):L9, Apr 2019.
- [55] D. Mesa, M. Bonnefoy, R. Gratton, G. Van Der Plas, V. D’Orazi, E. Sissa, [Zurlo, A.](#), E. Rigliaco, T. Schmidt, M. Langlois, A. Vigan, M. G. Ubeira Gabellini, S. Desidera, S. Antonucci, M. Barbieri, M. Benisty, A. Boccaletti, R. Claudi, D. Fedele, D. Gasparri, T. Henning, M. Kasper, A. M. Lagrange, C. Lazzoni, G. Lodato, A. L. Maire, C. F. Manara, M. Meyer, M. Reggiani, M. Samland, M. Van den Ancker, G. Chauvin, A. Cheetham, M. Feldt, E. Hugot, M. Janson, R. Ligi, O. Möller-Nilsson, C. Petit, E. L. Rickman, F. Rigal, and F. Wildi. Exploring the R CrA environment with SPHERE. Discovery of a new stellar companion. *A&A*, 624:A4, Apr 2019.
- [56] A. L. Maire, L. Rodet, F. Cantalloube, R. Galicher, W. Brandner, S. Messina, C. Lazzoni, D. Mesa, D. Melnick, J. Carson, M. Samland, B. A. Biller, A. Boccaletti, Z. Wahhaj, H. Beust, M. Bonnefoy, G. Chauvin, S. Desidera, M. Langlois, T. Henning, M. Janson, J. Olofsson, D. Rouan, F. Ménard, A. M. Lagrange, R. Gratton, A. Vigan, M. R. Meyer, A. Cheetham, J. L. Beuzit, K. Dohlen, H. Avenhaus, M. Bonavita, R. Claudi, M. Cudel, S. Daemgen, V. D’Orazi, C. Fontanive, J. Hagelberg, H. Le Coroller, C. Perrot, E. Rickman, T. Schmidt, E. Sissa, S. Udry, [Zurlo, A.](#), L. Abe, A. Origné, F. Rigal, G. Rousset, A. Roux, and L. Weber. Hint of curvature in the orbital motion of the exoplanet 51 Eridani b using 3 yr of VLT/SPHERE monitoring. *A&A*, 624:A118, Apr 2019.
- [57] M. Villenave, M. Benisty, W. R. F. Dent, F. Ménard, A. Garufi, C. Ginski, P. Pinilla, C. Pinte, J. P. Williams, J. de Boer, J. I. Morino, M. Fukagawa, C. Dominik, M. Flock, T. Henning, A. Juhász, M. Keppler, G. Muro-Arena, J. Olofsson, L. M. Pérez, G. van der Plas, [Zurlo, A.](#), M. Carle, P. Feautrier, A. Pavlov, J. Pragt, J. Ramos, J. F. Sauvage, E. Stadler, and L. Weber. Spatial segregation of dust grains in transition disks. SPHERE observations of 2MASS J16083070-3828268 and RXJ1852.3-3700. *A&A*, 624:A7, Apr 2019.
- [58] R. Gratton, R. Ligi, E. Sissa, S. Desidera, D. Mesa, M. Bonnefoy, G. Chauvin, A. Cheetham, M. Feldt, A. M. Lagrange, M. Langlois, M. Meyer, A. Vigan, A. Boccaletti, M. Janson, C. Lazzoni, [Zurlo, A.](#), J. De Boer, T. Henning, V. D’Orazi, L. Gluck, F. Madec, M. Jaquet, P. Baudoz, D. Fantinel, A. Pavlov, and F. Wildi. Blobs, spiral arms, and a possible planet around HD 169142. *A&A*, 623:A140, Mar 2019.
- [59] B. Carry, F. Vachier, J. Berthier, M. Marsset, P. Vernazza, J. Grice, W. J. Merline, E. Lagadec, A. Fienga, A. Conrad, E. Podlowska-Gaca, T. Santana-Ros, M. Viikinkoski, J. Hanuš, C. Dumas, J. D. Drummond, P. M. Tamblyn, C. R. Chapman, R. Behrend, L. Bernasconi, P. Bartczak, Z. Benkhaldoun, M. Birlan, J. Castillo-Rogez, F. Cipriani, F. Colas, A. Drouard, J. Ďurech,

- B. L. Enke, S. Fauvaud, M. Ferrais, R. Fetick, T. Fusco, M. Gillon, E. Jehin, L. Jorda, M. Kaasalainen, M. Keppler, A. Kryszczyńska, P. Lamy, F. Marchis, A. Marciniak, T. Michalowski, P. Michel, M. Pajuelo, P. Tanga, A. Vigan, B. Warner, O. Witasse, B. Yang, and [Zurlo, A.](#) Homogeneous internal structure of CM-like asteroid (41) Daphne. *A&A*, 623:A132, Mar 2019.
- [60] R. Claudi, A. L. Maire, D. Mesa, A. Cheetham, C. Fontanive, R. Gratton, [Zurlo, A.](#), H. Avenhaus, T. Bhowmik, B. Biller, A. Boccaletti, M. Bonavita, M. Bonnefoy, E. Cascone, G. Chauvin, A. Delboulb , S. Desidera, V. D'Orazi, P. Feautrier, M. Feldt, F. Flammini Dotti, J. H. Girard, E. Giro, M. Janson, J. Hagelberg, M. Keppler, T. Kopytova, S. Lacour, A. M. Lagrange, M. Langlois, J. Lannier, H. Le Coroller, F. Menard, S. Messina, M. Meyer, M. Millward, J. Olofsson, A. Pavlov, S. Peretti, C. Perrot, C. Pinte, J. Pragt, J. Ramos, S. Rochat, L. Rodet, R. Roelfsema, D. Rouan, G. Salter, T. Schmidt, E. Sissa, P. Thebault, S. Udry, and A. Vigan. SPHERE dynamical and spectroscopic characterization of HD 142527B. *A&A*, 622:A96, Feb 2019.
- [61] A. C. Cheetham, M. Samland, S. S. Brems, R. Launhardt, G. Chauvin, D. S gransan, T. Henning, A. Quirrenbach, H. Avenhaus, G. Cugno, J. Girard, N. Godoy, G. M. Kennedy, A. L. Maire, S. Metchev, A. M ller, A. Musso Barucci, J. Olofsson, F. Pepe, S. P. Quanz, D. Queloz, S. Reffert, E. Rickman, R. van Boekel, A. Boccaletti, M. Bonnefoy, F. Cantalloube, B. Charnay, P. Delorme, M. Janson, M. Keppler, A. M. Lagrange, M. Langlois, C. Lazzoni, F. Menard, D. Mesa, M. Meyer, T. Schmidt, E. Sissa, S. Udry, and [Zurlo, A.](#) Spectral and orbital characterisation of the directly imaged giant planet HIP 65426 b. *A&A*, 622:A80, Feb 2019.
- [62] G. Cugno, S. P. Quanz, S. Hunziker, T. Stolker, H. M. Schmid, H. Avenhaus, P. Baudoz, A. J. Bohn, M. Bonnefoy, E. Buenzli, G. Chauvin, A. Cheetham, S. Desidera, C. Dominik, P. Feautrier, M. Feldt, C. Ginski, J. H. Girard, R. Gratton, J. Hagelberg, E. Hugot, M. Janson, A. M. Lagrange, M. Langlois, Y. Magnard, A. L. Maire, F. Menard, M. Meyer, J. Milli, C. Mordasini, C. Pinte, J. Pragt, R. Roelfsema, F. Rigal, J. Szul gyi, R. van Boekel, G. van der Plas, A. Vigan, Z. Wahhaj, and [Zurlo, A.](#) A search for accreting young companions embedded in circumstellar disks. High-contrast H  imaging with VLT/SPHERE. *A&A*, 622:A156, Feb 2019.
- [63] V. D'Orazi, R. Gratton, S. Desidera, H. Avenhaus, D. Mesa, T. Stolker, E. Giro, S. Benatti, H. Jang-Condell, E. Rigliaco, E. Sissa, T. Scatolin, M. Benisty, T. Bhowmik, A. Boccaletti, M. Bonnefoy, W. Brandner, E. Buenzli, G. Chauvin, S. Daemgen, M. Damasso, M. Feldt, R. Galicher, J. Girard, M. Janson, J. Hagelberg, D. Mouillet, Q. Kral, J. Lannier, A. M. Lagrange, M. Langlois, A. L. Maire, F. Menard, O. Moeller-Nilsson, C. Perrot, S. Peretti, P. Rabou, J. Ramos, L. Rodet, R. Roelfsema, A. Roux, G. Salter, J. E. Schlieder, T. Schmidt, J. Szul gyi, C. Thalmann, P. Thebault, G. van der Plas, A. Vigan, and [Zurlo, A.](#) Mapping of shadows cast on a protoplanetary disk by a close binary system. *Nature Astronomy*, 3:167–172, Jan 2019.
- [64] Lucas A. Cieza, Dary Ru  -Rod  guez, Antonio Hales, Simon Casassus, Sebastian P rez, Camilo Gonzalez-Ruilova, Hector C novas, Jonathan P. Williams, [Zurlo, Alice](#), Megan Ansdell, Henning Avenhaus, Amelia Bayo, Gesa H. M. Bertrang, Valentin Christiaens, William Dent, Gabriel Ferrero, Roberto Gamen, Johan Olofsson, Santiago Orcajo, Karla Pe  a Ram  rez, David Principe, Matthias R. Schreiber, and Gerrit van der Plas. The Ophiuchus Disc Survey Employing ALMA (ODISEA) - I: project description and continuum images at 28 au resolution. *MNRAS*, 482(1):698–714, Jan 2019.
- [65] A. M. Lagrange, A. Boccaletti, M. Langlois, G. Chauvin, R. Gratton, H. Beust, S. Desidera, J. Milli, M. Bonnefoy, A. Cheetham, M. Feldt, M. Meyer, A. Vigan, B. Biller, M. Bonavita, J. L. Baudino, F. Cantalloube, M. Cudel, S. Daemgen, P. Delorme, V. D'Orazi, J. Girard, C. Fontanive, J. Hagelberg, M. Janson, M. Keppler, T. Kopytova, R. Galicher, J. Lannier, H. Le Coroller, R. Ligi, A. L. Maire, D. Mesa, S. Messina, A. M  ller, S. Peretti, C. Perrot, D. Rouan, G. Salter, M. Samland, T. Schmidt, E. Sissa, [Zurlo, A.](#), J. L. Beuzit, D. Mouillet, C. Dominik, T. Henning, E. Lagadec, F. M  nard, H. M. Schmid, M. Turatto, S. Udry, A. J. Bohn, B. Charnay, C. A. Gomez Gonzales, C. Gry, M. Kenworthy, Q. Kral, C. Mordasini, C. Moutou, G. van der Plas, J. E. Schlieder, L. Abe, J. Antichi, A. Baruffolo, P. Baudoz, J. Baudrand, P. Blanchard, A. Bazzon, T. Buey, M. Carillet, M. Carle, J. Charton, E. Cascone, R. Claudi, A. Costille, A. Deboulbe, V. De Caprio, K. Dohlen, D. Fantinel, P. Feautrier, T. Fusco, P. Gigan, E. Giro, D. Gisler, L. Gluck, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, F. Madec, Y. Magnard, P. Martinez, D. Maurel, D. Le Mignant, O. M  ller-Nilsson, M. Llored, T. Moulin, A. Orign  , A. Pavlov, D. Perret, C. Petit, J. Pragt, J. Szul gyi, and F. Wildi. Post-conjunction detection of β Pictoris b with VLT/SPHERE. *A&A*, 621:L8, Jan 2019.
- [66] Daniel J. Price, Nicol  s Cuello, Christophe Pinte, Daniel Mentiplay, Simon Casassus, Valentin Christiaens, Grant M. Kennedy, Jorge Cuadra, Sebastian Perez M., Sebastian Marino, Philip J. Armitage, [Zurlo, Alice](#), Attila Juhasz, Enrico Ragusa, Guillaume Laibe, and Giuseppe Lodato. Publisher Note: Circumbinary, not transitional: On the spiral arms, cavity, shadows, fast radial flows, streamers and horseshoe in the HD142527 disc. *MNRAS*, 481(3):3169–3169, Dec 2018.
- [67] E. Sissa, R. Gratton, A. Garufi, E. Rigliaco, [Zurlo, A.](#), D. Mesa, M. Langlois, J. de Boer, S. Desidera, C. Ginski, A. M. Lagrange, A. L. Maire, A. Vigan, M. Dima, J. Antichi, A. Baruffolo, A. Bazzon, M. Benisty, J. L. Beuzit, B. Biller, A. Boccaletti, M. Bonavita, M. Bonnefoy, W. Brandner, P. Bruno, E. Buenzli, E. Cascone, G. Chauvin, A. Cheetham, R. U. Claudi, M. Cudel, V. De Caprio, C. Dominik, D. Fantinel, G. Farisato, M. Feldt, C. Fontanive, R. Galicher, E. Giro, J. Hagelberg, S. Incorvaia, M. Janson, M. Kasper, M. Keppler, T. Kopytova, E. Lagadec, J. Lannier, C. Lazzoni, H. LeCoroller, L. Lessio, R. Ligi, F. Marzari, F. Menard, M. R. Meyer, D. Mouillet, S. Peretti, C. Perrot, P. J. Poirion, D. Rouan, B. Salasnich, G. Salter, M. Samland, T. Schmidt, S. Scuderi, and F. Wildi. High-contrast study of the candidate planets and protoplanetary disk around HD 100546. *A&A*, 619:A160, Nov 2018.
- [68] [Zurlo, A.](#), R. Gratton, D. Mesa, S. Desidera, A. Enia, K. Sahu, J. M. Almenara, P. Kervella, H. Avenhaus, J. Girard, M. Janson, E. Lagadec, M. Langlois, J. Milli, C. Perrot, J. E. Schlieder, C. Thalmann, A. Vigan, E. Giro, L. Gluck, J. Ramos, and A. Roux. The gravitational mass of Proxima Centauri measured with SPHERE from a microlensing event. *MNRAS*, 480(1):236–244, Oct 2018.
- [69] [Zurlo, A.](#), D. Mesa, S. Desidera, S. Messina, R. Gratton, C. Moutou, J. L. Beuzit, B. Biller, A. Boccaletti, M. Bonavita, M. Bonnefoy, T. Bhowmik, W. Brandner, E. Buenzli, G. Chauvin, M. Cudel, V. D'Orazi, M. Feldt, J. Hagelberg, M. Janson, A. M. Lagrange, M. Langlois, J. Lannier, B. Lavie, C. Lazzoni, A. L. Maire, M. Meyer, D. Mouillet, S. Peretti, C. Perrot, P. J. Poirion, G. Salter, T. Schmidt, E. Sissa, A. Vigan, A. Delboulb , C. Petit, J. Ramos, F. Rigal, and S. Rochat. Imaging radial velocity planets with SPHERE. *MNRAS*, 480(1):35–48, Oct 2018.

- [70] M. Bonnefoy, K. Perraut, A. M. Lagrange, P. Delorme, A. Vigan, M. Line, L. Rodet, C. Ginski, D. Mourard, G. D. Marleau, M. Samland, P. Tremblin, R. Ligi, F. Cantalloube, P. Mollière, B. Charnay, M. Kuzuhara, M. Janson, C. Morley, D. Homeier, V. D'Orazi, H. Klahr, C. Mordasini, B. Lavie, J. L. Baudino, H. Beust, S. Peretti, A. Musso Bartucci, D. Mesa, B. Bézard, A. Boccaletti, R. Galicher, J. Hagelberg, S. Desidera, B. Biller, A. L. Maire, F. Allard, S. Borgniet, J. Lannier, N. Meunier, M. Desort, E. Alecian, G. Chauvin, M. Langlois, T. Henning, L. Mugnier, D. Mouillet, R. Gratton, T. Brandt, M. Mc Elwain, J. L. Beuzit, M. Tamura, Y. Hori, W. Brandner, E. Buenzli, A. Cheetham, M. Cudel, M. Feldt, M. Kasper, M. Keppler, T. Kopytova, M. Meyer, C. Perrot, D. Rouan, G. Salter, T. Schmidt, E. Sissa, [Zurlo, A.](#), F. Wildi, P. Blanchard, V. De Caprio, A. Delboulbé, D. Maurel, T. Moulin, A. Pavlov, P. Rabou, J. Ramos, R. Roelfsema, G. Rousset, E. Stadler, F. Rigal, and L. Weber. The GJ 504 system revisited. Combining interferometric, radial velocity, and high contrast imaging data. *A&A*, 618:A63, Oct 2018.
- [71] G. Guidi, G. Ruane, J. P. Williams, D. Mawet, L. Testi, [Zurlo, A.](#), O. Absil, M. Bottom, É. Choquet, V. Christiaens, B. Femenía Castellá, E. Huby, A. Isella, J. Kastner, T. Meshkat, M. Reggiani, A. Riggs, E. Serabyn, and N. Wallack. High-contrast imaging of HD 163296 with the Keck/NIRC2 L'-band vortex coronagraph. *MNRAS*, 479(2):1505–1513, Sep 2018.
- [72] V. Christiaens, S. Casassus, O. Absil, S. Kimeswenger, C. A. Gomez Gonzalez, J. Girard, R. Ramírez, O. Wertz, [Zurlo, A.](#), Z. Wahhaj, C. Flores, V. Salinas, A. Jordán, and D. Mawet. Characterization of low-mass companion HD 142527 B. *A&A*, 617:A37, Sep 2018.
- [73] M. Keppler, M. Benisty, A. Müller, Th. Henning, R. van Boekel, F. Cantalloube, C. Ginski, R. G. van Holstein, A. L. Maire, A. Pohl, M. Samland, H. Avenhaus, J. L. Baudino, A. Boccaletti, J. de Boer, M. Bonnefoy, G. Chauvin, S. Desidera, M. Langlois, C. Lazzoni, G. D. Marleau, C. Mordasini, N. Pawellek, T. Stolker, A. Vigan, [Zurlo, A.](#), T. Birnstiel, W. Brandner, M. Feldt, M. Flock, J. Girard, R. Gratton, J. Hagelberg, A. Isella, M. Janson, A. Juhasz, J. Kemmer, Q. Kral, A. M. Lagrange, R. Launhardt, A. Matter, F. Ménard, J. Milli, P. Mollière, J. Olofsson, L. Pérez, P. Pinilla, C. Pinte, S. P. Quanz, T. Schmidt, S. Udry, Z. Wahhaj, J. P. Williams, E. Buenzli, M. Cudel, C. Dominik, R. Galicher, M. Kasper, J. Lannier, D. Mesa, D. Mouillet, S. Peretti, C. Perrot, G. Salter, E. Sissa, F. Wildi, L. Abe, J. Antichi, J. C. Augereau, A. Baruffolo, P. Baudoz, A. Bazzon, J. L. Beuzit, P. Blanchard, S. S. Brems, T. Buey, V. De Caprio, M. Carillet, M. Carle, E. Cascone, A. Cheetham, R. Claudi, A. Costille, A. Delboulbé, K. Dohlen, D. Fantinel, P. Feautrier, T. Fusco, E. Giro, L. Gluck, C. Gry, N. Hubin, E. Hugot, M. Jaquet, D. Le Mignant, M. Llored, F. Madec, Y. Magnard, P. Martinez, D. Maurel, M. Meyer, O. Möller-Nilsson, T. Moulin, L. Mugnier, A. Origné, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, J. Ramos, F. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, B. Salasnich, J. F. Sauvage, A. Sevin, C. Soenke, E. Stadler, M. Suarez, M. Turatto, and L. Weber. Discovery of a planetary-mass companion within the gap of the transition disk around PDS 70. *A&A*, 617:A44, Sep 2018.
- [74] A. Müller, M. Keppler, Th. Henning, M. Samland, G. Chauvin, H. Beust, A. L. Maire, K. Molaverdikhani, R. van Boekel, M. Benisty, A. Boccaletti, M. Bonnefoy, F. Cantalloube, B. Charnay, J. L. Baudino, M. Gennaro, Z. C. Long, A. Cheetham, S. Desidera, M. Feldt, T. Fusco, J. Girard, R. Gratton, J. Hagelberg, M. Janson, A. M. Lagrange, M. Langlois, C. Lazzoni, R. Ligi, F. Ménard, D. Mesa, M. Meyer, P. Mollière, C. Mordasini, T. Moulin, A. Pavlov, N. Pawellek, S. P. Quanz, J. Ramos, D. Rouan, E. Sissa, E. Stadler, A. Vigan, Z. Wahhaj, L. Weber, and [Zurlo, A.](#) Orbital and atmospheric characterization of the planet within the gap of the PDS 70 transition disk. *A&A*, 617:L2, Sep 2018.
- [75] A. Cheetham, M. Bonnefoy, S. Desidera, M. Langlois, A. Vigan, T. Schmidt, J. Olofsson, G. Chauvin, H. Klahr, R. Gratton, V. D'Orazi, T. Henning, M. Janson, B. Biller, S. Peretti, J. Hagelberg, D. Ségransan, S. Udry, D. Mesa, E. Sissa, Q. Kral, J. Schlieder, A. L. Maire, C. Mordasini, F. Menard, [Zurlo, A.](#), J. L. Beuzit, M. Feldt, D. Mouillet, M. Meyer, A. M. Lagrange, A. Boccaletti, M. Keppler, T. Kopytova, R. Ligi, D. Rouan, H. Le Coroller, C. Dominik, E. Lagadec, M. Turatto, L. Abe, J. Antichi, A. Baruffolo, P. Baudoz, P. Blanchard, T. Buey, M. Carillet, M. Carle, E. Cascone, R. Claudi, A. Costille, A. Delboulbé, V. De Caprio, K. Dohlen, D. Fantinel, P. Feautrier, T. Fusco, E. Giro, L. Gluck, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, M. Llored, F. Madec, Y. Magnard, P. Martinez, D. Maurel, D. Le Mignant, O. Möller-Nilsson, T. Moulin, A. Origné, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, J. Ramos, F. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, B. Salasnich, J. F. Sauvage, A. Sevin, C. Soenke, E. Stadler, M. Suarez, L. Weber, and F. Wildi. Discovery of a brown dwarf companion to the star HIP 64892. *A&A*, 615:A160, Aug 2018.
- [76] R. Galicher, A. Boccaletti, D. Mesa, P. Delorme, R. Gratton, M. Langlois, A. M. Lagrange, A. L. Maire, H. Le Coroller, G. Chauvin, B. Biller, F. Cantalloube, M. Janson, E. Lagadec, N. Meunier, A. Vigan, J. Hagelberg, M. Bonnefoy, [Zurlo, A.](#), S. Rocha, D. Maurel, M. Jaquet, T. Buey, and L. Weber. Astrometric and photometric accuracies in high contrast imaging: The SPHERE speckle calibration tool (SpeCal). *A&A*, 615:A92, Jul 2018.
- [77] Simon Casassus, Henning Avenhaus, Sebastián Pérez, Víctor Navarro, Miguel Cárcamo, Sebastián Marino, Lucas Cieza, Sascha P. Quanz, Felipe Alarcón, [Zurlo, Alice](#), Axel Osses, Fernando R. Rannou, Pablo E. Román, and Marcelo Barraza. An inner warp in the DoAr 44 T Tauri transition disc. *MNRAS*, 477(4):5104–5114, Jul 2018.
- [78] A. L. Maire, L. Rodet, C. Lazzoni, A. Boccaletti, W. Brandner, R. Galicher, F. Cantalloube, D. Mesa, H. Klahr, H. Beust, G. Chauvin, S. Desidera, M. Janson, M. Keppler, J. Olofsson, J. C. Augereau, S. Daemgen, T. Henning, P. Thébault, M. Bonnefoy, M. Feldt, R. Gratton, A. M. Lagrange, M. Langlois, M. R. Meyer, A. Vigan, V. D'Orazi, J. Hagelberg, H. Le Coroller, R. Ligi, D. Rouan, M. Samland, T. Schmidt, S. Udry, [Zurlo, A.](#), L. Abe, M. Carle, A. Delboulbé, P. Feautrier, Y. Magnard, D. Maurel, T. Moulin, A. Pavlov, D. Perret, C. Petit, J. R. Ramos, F. Rigal, A. Roux, and L. Weber. VLT/SPHERE astrometric confirmation and orbital analysis of the brown dwarf companion HR 2562 B. *A&A*, 615:A177, Jul 2018.
- [79] M. Langlois, A. Pohl, A. M. Lagrange, A. L. Maire, D. Mesa, A. Boccaletti, R. Gratton, L. Denneulin, H. Klahr, A. Vigan, M. Benisty, C. Dominik, M. Bonnefoy, F. Menard, H. Avenhaus, A. Cheetham, R. Van Boekel, J. de Boer, G. Chauvin, S. Desidera, M. Feldt, R. Galicher, C. Ginski, J. H. Girard, T. Henning, M. Janson, T. Kopytova, Q. Kral, R. Ligi, S. Messina, S. Peretti, C. Pinte, E. Sissa, T. Stolker, [Zurlo, A.](#), Y. Magnard, P. Blanchard, T. Buey, M. Suarez, E. Cascone, O. Moller-Nilsson, L. Weber, C. Petit, and J. Pragt. First scattered light detection of a nearly edge-on transition disk around the T Tauri star RY Lupi. *A&A*, 614:A88, Jun 2018.

- [80] A. Boccaletti, E. Sezestre, A. M. Lagrange, P. Thébault, R. Gratton, M. Langlois, C. Thalmann, M. Janson, P. Delorme, J. C. Augereau, G. Schneider, J. Milli, C. Grady, J. Debes, Q. Kral, J. Olofsson, J. Carson, A. L. Maire, T. Henning, J. Wisniewski, J. Schlieder, C. Dominik, S. Desidera, C. Ginski, D. Hines, F. Ménard, D. Mouillet, N. Pawellek, A. Vigan, E. Lagadec, H. Avenhaus, J. L. Beuzit, B. Biller, M. Bonavita, M. Bonnefoy, W. Brandner, F. Cantalloube, G. Chauvin, A. Cheetham, M. Cudel, C. Gry, S. Daemgen, M. Feldt, R. Galicher, J. Girard, J. Hagelberg, P. Janin-Potiron, M. Kasper, H. Le Coroller, D. Mesa, S. Peretti, C. Perrot, M. Samland, E. Sissa, F. Wildi, [Zurlo, A.](#), S. Rochat, E. Stadler, L. Gluck, A. Origné, M. Llored, P. Baudoz, G. Rousset, P. Martinez, and F. Rigal. Observations of fast-moving features in the debris disk of AU Mic on a three-year timescale: Confirmation and new discoveries. *A&A*, 614:A52, Jun 2018.
- [81] Daniel J. Price, Nicolás Cuello, Christophe Pinte, Daniel Mentiplay, Simon Casassus, Valentin Christiaens, Grant M. Kennedy, Jorge Cuadra, M. Sebastian Perez, Sebastian Marino, Philip J. Armitage, [Zurlo, Alice](#), Attila Juhasz, Enrico Ragusa, Guillaume Laibe, and Giuseppe Lodato. Circumbinary, not transitional: on the spiral arms, cavity, shadows, fast radial flows, streamers, and horseshoe in the HD 142527 disc. *MNRAS*, 477(1):1270–1284, Jun 2018.
- [82] E. Sissa, J. Olofsson, A. Vigan, J. C. Augereau, V. D'Orazi, S. Desidera, R. Gratton, M. Langlois, E. Rigliaco, A. Boccaletti, Q. Kral, C. Lazzoni, D. Mesa, S. Messina, E. Sezestre, P. Thébault, [Zurlo, A.](#), T. Bhowmik, M. Bonnefoy, G. Chauvin, M. Feldt, J. Hagelberg, A. M. Lagrange, M. Janson, A. L. Maire, F. Ménard, J. Schlieder, T. Schmidt, J. Szulágyi, E. Stadler, D. Maurel, A. Delboulbé, P. Feautrier, J. Ramos, and F. Rigal. New disk discovered with VLT/SPHERE around the M star GSC 07396-00759. *A&A*, 613:L6, May 2018.
- [83] D. Mesa, J. L. Baudino, B. Charnay, V. D'Orazi, S. Desidera, A. Boccaletti, R. Gratton, M. Bonnefoy, P. Delorme, M. Langlois, A. Vigan, [Zurlo, A.](#), A. L. Maire, M. Janson, J. Antichi, A. Baruffolo, P. Bruno, E. Cascone, G. Chauvin, R. U. Claudi, V. De Caprio, D. Fantinel, G. Farisato, M. Feldt, E. Giro, J. Hagelberg, S. Incorvaia, E. Lagadec, A. M. Lagrange, C. Lazzoni, L. Lessio, B. Salasnich, S. Scuderi, E. Sissa, and M. Turatto. New spectro-photometric characterization of the substellar object HR 2562 B using SPHERE. *A&A*, 612:A92, May 2018.
- [84] C. Lazzoni, S. Desidera, F. Marzari, A. Boccaletti, M. Langlois, D. Mesa, R. Gratton, Q. Kral, N. Pawellek, J. Olofsson, M. Bonnefoy, G. Chauvin, A. M. Lagrange, A. Vigan, E. Sissa, J. Antichi, H. Avenhaus, A. Baruffolo, J. L. Baudino, A. Bazzon, J. L. Beuzit, B. Biller, M. Bonavita, W. Brandner, P. Bruno, E. Buenzli, F. Cantalloube, E. Cascone, A. Cheetham, R. U. Claudi, M. Cudel, S. Daemgen, V. De Caprio, P. Delorme, D. Fantinel, G. Farisato, M. Feldt, R. Galicher, C. Ginski, J. Girard, E. Giro, M. Janson, J. Hagelberg, T. Henning, S. Incorvaia, M. Kasper, T. Kopytova, H. LeCoroller, L. Lessio, R. Ligi, A. L. Maire, F. Ménard, M. Meyer, J. Milli, D. Mouillet, S. Peretti, C. Perrot, D. Rouan, M. Samland, B. Salasnich, G. Salter, T. Schmidt, S. Scuderi, E. Sezestre, M. Turatto, S. Udry, F. Wildi, and [Zurlo, A.](#) Dynamical models to explain observations with SPHERE in planetary systems with double debris belts. *A&A*, 611:A43, Mar 2018.
- [85] Lucas A. Cieza, Dary Ruíz-Rodríguez, Sebastian Perez, Simon Casassus, Jonathan P. Williams, [Zurlo, Alice](#), David A. Principe, Antonio Hales, Jose L. Prieto, John J. Tobin, Zhaohuan Zhu, and Sebastian Marino. The ALMA early science view of FUor/EXor objects - V. Continuum disc masses and sizes. *MNRAS*, 474(4):4347–4357, Mar 2018.
- [86] G. Chauvin, R. Gratton, M. Bonnefoy, A. M. Lagrange, J. de Boer, A. Vigan, H. Beust, C. Lazzoni, A. Boccaletti, R. Galicher, S. Desidera, P. Delorme, M. Keppler, J. Lannier, A. L. Maire, D. Mesa, N. Meunier, Q. Kral, T. Henning, F. Menard, A. Moor, H. Avenhaus, A. Bazzon, M. Janson, J. L. Beuzit, T. Bhowmik, M. Bonavita, S. Borgniet, W. Brandner, A. Cheetham, M. Cudel, M. Feldt, C. Fontanive, C. Ginski, J. Hagelberg, P. Janin-Potiron, E. Lagadec, M. Langlois, H. Le Coroller, S. Messina, M. Meyer, D. Mouillet, S. Peretti, C. Perrot, L. Rodet, M. Samland, E. Sissa, J. Olofsson, G. Salter, T. Schmidt, [Zurlo, A.](#), J. Milli, R. van Boekel, S. Quanz, P. Feautrier, D. Le Mignant, D. Perret, J. Ramos, and S. Rochat. Investigating the young solar system analog HD 95086. A combined HARPS and SPHERE exploration. *A&A*, 617:A76, Sep 2018.
- [87] R. Ligi, A. Vigan, R. Gratton, J. de Boer, M. Benisty, A. Boccaletti, S. P. Quanz, M. Meyer, C. Ginski, E. Sissa, C. Gry, T. Henning, J. L. Beuzit, B. Biller, M. Bonnefoy, G. Chauvin, A. C. Cheetham, M. Cudel, P. Delorme, S. Desidera, M. Feldt, R. Galicher, J. Girard, M. Janson, M. Kasper, T. Kopytova, A. M. Lagrange, M. Langlois, H. Lecoroller, A. L. Maire, F. Ménard, D. Mesa, S. Peretti, C. Perrot, P. Pinilla, A. Pohl, D. Rouan, T. Stolker, M. Samland, Z. Wahhaj, F. Wildi, [Zurlo, A.](#), T. Buey, D. Fantinel, T. Fusco, M. Jaquet, T. Moulin, J. Ramos, M. Suarez, and L. Weber. Investigation of the inner structures around HD 169142 with VLT/SPHERE. *MNRAS*, 473(2):1774–1783, Jan 2018.
- [88] David A. Principe, Lucas Cieza, Antonio Hales, [Zurlo, Alice](#), Jonathan Williams, Dary Ruíz-Rodríguez, Hector Canovas, Simon Casassus, Koraljka Mužić, Sebastian Perez, John J. Tobin, and Zhaohuan Zhu. The ALMA early science view of FUor/EXor objects - IV. Misaligned outflows in the complex star-forming environment of V1647 Ori and McNeil's Nebula. *MNRAS*, 473(1):879–895, Jan 2018.
- [89] P. Delorme, T. Schmidt, M. Bonnefoy, S. Desidera, C. Ginski, B. Charnay, C. Lazzoni, V. Christiaens, S. Messina, V. D'Orazi, J. Milli, J. E. Schlieder, R. Gratton, L. Rodet, A. M. Lagrange, O. Absil, A. Vigan, R. Galicher, J. Hagelberg, M. Bonavita, B. Lavie, [Zurlo, A.](#), J. Olofsson, A. Boccaletti, F. Cantalloube, D. Mouillet, G. Chauvin, F. J. Hamsch, M. Langlois, S. Udry, T. Henning, J. L. Beuzit, C. Mordasini, P. Lucas, F. Marocco, B. Biller, J. Carson, A. Cheetham, E. Covino, V. De Caprio, A. Delboulbe, M. Feldt, J. Girard, N. Hubin, A. L. Maire, A. Pavlov, C. Petit, D. Rouan, R. Roelfsema, and F. Wildi. In-depth study of moderately young but extremely red, very dusty substellar companion HD 206893B. *A&A*, 608:A79, Dec 2017.
- [90] Lucas A. Cieza, Simon Casassus, Sebastian Pérez, Antonio Hales, Miguel Cárcamo, Megan Ansdell, Henning Avenhaus, Amelia Bayo, Gesa H. M. Bertrang, Hector Cánovas, Valentin Christiaens, William Dent, Gabriel Ferrero, Roberto Gamen, Johan Olofsson, Santiago Orcajo, Axel Osses, Karla Peña-Ramírez, David Principe, Dary Ruíz-Rodríguez, Matthias R. Schreiber, Gerrit van der Plas, Jonathan P. Williams, and [Zurlo, Alice](#). ALMA Observations of Elias 2-24: A Protoplanetary Disk with Multiple Gaps in the Ophiuchus Molecular Cloud. *ApJ*, 851(2):L23, Dec 2017.

- [91] M. Bonavita, V. D'Orazi, D. Mesa, C. Fontanive, S. Desidera, S. Messina, S. Daemgen, R. Gratton, A. Vigan, M. Bonnefoy, [Zurlo, A.](#), J. Antichi, H. Avenhaus, A. Baruffolo, J. L. Baudino, J. L. Beuzit, A. Boccaletti, P. Bruno, T. Buey, M. Carbillet, E. Cascone, G. Chauvin, R. U. Claudi, V. De Caprio, D. Fantinel, G. Farisato, M. Feldt, R. Galicher, E. Giro, C. Gry, J. Hagelberg, S. Incorvaia, M. Janson, M. Jaquet, A. M. Lagrange, M. Langlois, J. Lannier, H. Le Coroller, L. Lessio, R. Ligi, A. L. Maire, M. Meyer, F. Menard, C. Perrot, S. Peretti, C. Petit, J. Ramos, A. Roux, B. Salasnich, G. Salter, M. Samland, S. Scuderi, J. Schlieder, M. Surez, M. Turatto, and L. Weber. Orbiting a binary. SPHERE characterisation of the HD 284149 system. *A&A*, 608:A106, Dec 2017.
- [92] A. Pohl, M. Benisty, P. Pinilla, C. Ginski, J. de Boer, H. Avenhaus, Th. Henning, [Zurlo, A.](#), A. Boccaletti, J. C. Augereau, T. Birnstiel, C. Dominik, S. Facchini, D. Fedele, M. Janson, M. Keppler, Q. Kral, M. Langlois, R. Ligi, A. L. Maire, F. Ménard, M. Meyer, C. Pinte, S. P. Quanz, J. F. Sauvage, É. Sezestre, T. Stolker, J. Szulágyi, R. van Boekel, G. van der Plas, M. Villenave, A. Baruffolo, P. Baudoz, D. Le Mignant, D. Maurel, J. Ramos, and L. Weber. The Circumstellar Disk HD 169142: Gas, Dust, and Planets Acting in Concert? *ApJ*, 850(1):52, Nov 2017.
- [93] A. Pohl, E. Sissa, M. Langlois, A. Müller, C. Ginski, R. G. van Holstein, A. Vigan, D. Mesa, A. L. Maire, Th. Henning, R. Gratton, J. Olofsson, R. van Boekel, M. Benisty, B. Biller, A. Boccaletti, G. Chauvin, S. Daemgen, J. de Boer, S. Desidera, C. Dominik, A. Garufi, M. Janson, Q. Kral, F. Ménard, C. Pinte, T. Stolker, J. Szulágyi, [Zurlo, A.](#), M. Bonnefoy, A. Cheetham, M. Cudel, M. Feldt, M. Kasper, A. M. Lagrange, C. Perrot, and F. Wildi. New constraints on the disk characteristics and companion candidates around T Chamaeleontis with VLT/SPHERE. *A&A*, 605:A34, Sep 2017.
- [94] G. Chauvin, S. Desidera, A. M. Lagrange, A. Vigan, R. Gratton, M. Langlois, M. Bonnefoy, J. L. Beuzit, M. Feldt, D. Mouillet, M. Meyer, A. Cheetham, B. Biller, A. Boccaletti, V. D'Orazi, R. Galicher, J. Hagelberg, A. L. Maire, D. Mesa, J. Olofsson, M. Samland, T. O. B. Schmidt, E. Sissa, M. Bonavita, B. Charnay, M. Cudel, S. Daemgen, P. Delorme, P. Janin-Potiron, M. Janson, M. Keppler, H. Le Coroller, R. Ligi, G. D. Marleau, S. Messina, P. Mollière, C. Mordasini, A. Müller, S. Peretti, C. Perrot, L. Rodet, D. Rouan, [Zurlo, A.](#), C. Dominik, T. Henning, F. Menard, H. M. Schmid, M. Turatto, S. Udry, F. Vakili, L. Abe, J. Antichi, A. Baruffolo, P. Baudoz, J. Baudrand, P. Blanchard, A. Bazzon, T. Buey, M. Carbillet, M. Carle, J. Charton, E. Cascone, R. Claudi, A. Costille, A. Deboulbe, V. De Caprio, K. Dohlen, D. Fantinel, P. Feautrier, T. Fusco, P. Gigan, E. Giro, D. Gisler, L. Gluck, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, F. Madec, Y. Magnard, P. Martinez, D. Maurel, D. Le Mignant, O. Möller-Nilsson, M. Llored, T. Moulin, A. Origné, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, J. Ramos, R. Rigal, S. Rochat, R. Roelfsema, G. Rousset, A. Roux, B. Salasnich, J. F. Sauvage, A. Sevin, C. Soenke, E. Stadler, M. Suarez, L. Weber, F. Wildi, S. Antonucci, J. C. Augereau, J. L. Baudino, W. Brandner, N. Engler, J. Girard, C. Gry, Q. Kral, T. Kopytova, E. Lagadec, J. Milli, C. Moutou, J. Schlieder, J. Szulágyi, C. Thalmann, and Z. Wahhaj. Discovery of a warm, dusty giant planet around HIP 65426. *A&A*, 605:L9, Sep 2017.
- [95] D. Ruíz-Rodríguez, L. A. Cieza, J. P. Williams, D. Principe, J. J. Tobin, Z. Zhu, and [Zurlo, A.](#) The ALMA early science view of FUor/EXor objects - III. The slow and wide outflow of V883 Ori. *MNRAS*, 468(3):3266–3276, Jul 2017.
- [96] H. Avenhaus, S. P. Quanz, H. M. Schmid, C. Dominik, T. Stolker, C. Ginski, J. de Boer, J. Szulágyi, A. Garufi, [Zurlo, A.](#), J. Hagelberg, M. Benisty, T. Henning, F. Ménard, M. R. Meyer, A. Baruffolo, A. Bazzon, J. L. Beuzit, A. Costille, K. Dohlen, J. H. Girard, D. Gisler, M. Kasper, D. Mouillet, J. Pragt, R. Roelfsema, B. Salasnich, and J. F. Sauvage. Exploring Dust around HD 142527 down to 0.025 (4 au) Using SPHERE/ZIMPOL. *AJ*, 154(1):33, Jul 2017.
- [97] M. Samland, P. Mollière, M. Bonnefoy, A. L. Maire, F. Cantalloube, A. C. Cheetham, D. Mesa, R. Gratton, B. A. Biller, Z. Wahhaj, J. Bouwman, W. Brandner, D. Melnick, J. Carson, M. Janson, T. Henning, D. Homeier, C. Mordasini, M. Langlois, S. P. Quanz, R. van Boekel, [Zurlo, A.](#), J. E. Schlieder, H. Avenhaus, J. L. Beuzit, A. Boccaletti, M. Bonavita, G. Chauvin, R. Claudi, M. Cudel, S. Desidera, M. Feldt, T. Fusco, R. Galicher, T. G. Kopytova, A. M. Lagrange, H. Le Coroller, P. Martinez, O. Moeller-Nilsson, D. Mouillet, L. M. Mugnier, C. Perrot, A. Sevin, E. Sissa, A. Vigan, and L. Weber. Spectral and atmospheric characterization of 51 Eridani b using VLT/SPHERE. *A&A*, 603:A57, Jul 2017.
- [98] C. Moutou, A. Vigan, D. Mesa, S. Desidera, P. Thébault, [Zurlo, A.](#), and G. Salter. Eccentricity in planetary systems and the role of binarity. Sample definition, initial results, and the system of HD 211847. *A&A*, 602:A87, Jun 2017.
- [99] A. Vigan, M. Bonavita, B. Biller, D. Forgan, K. Rice, G. Chauvin, S. Desidera, J. C. Meunier, P. Delorme, J. E. Schlieder, M. Bonnefoy, J. Carson, E. Covino, J. Hagelberg, T. Henning, M. Janson, A. M. Lagrange, S. P. Quanz, [Zurlo, A.](#), J. L. Beuzit, A. Boccaletti, E. Buenzli, M. Feldt, J. H. V. Girard, R. Gratton, M. Kasper, H. Le Coroller, D. Mesa, S. Messina, M. Meyer, G. Montagnier, C. Mordasini, D. Mouillet, C. Moutou, M. Reggiani, D. Segransan, and C. Thalmann. The VLT/NaCo large program to probe the occurrence of exoplanets and brown dwarfs at wide orbits. IV. Gravitational instability rarely forms wide, giant planets. *A&A*, 603:A3, Jun 2017.
- [100] A. L. Maire, T. Stolker, S. Messina, A. Müller, B. A. Biller, T. Currie, C. Dominik, C. A. Grady, A. Boccaletti, M. Bonnefoy, G. Chauvin, R. Galicher, M. Millward, A. Pohl, W. Brandner, T. Henning, A. M. Lagrange, M. Langlois, M. R. Meyer, S. P. Quanz, A. Vigan, [Zurlo, A.](#), R. van Boekel, E. Buenzli, T. Buey, S. Desidera, M. Feldt, T. Fusco, C. Ginski, E. Giro, R. Gratton, N. Hubin, J. Lannier, D. Le Mignant, D. Mesa, S. Peretti, C. Perrot, J. R. Ramos, G. Salter, M. Samland, E. Sissa, E. Stadler, C. Thalmann, S. Udry, and L. Weber. Testing giant planet formation in the transitional disk of SAO 206462 using deep VLT/SPHERE imaging. *A&A*, 601:A134, May 2017.
- [101] D. Ruíz-Rodríguez, L. A. Cieza, J. P. Williams, J. J. Tobin, A. Hales, Z. Zhu, K. Mužić, D. Principe, H. Canovas, [Zurlo, A.](#), S. Casassus, S. Perez, and J. L. Prieto. The ALMA early science view of FUor/EXor objects - II. The very wide outflow driven by HBC 494. *MNRAS*, 466(3):3519–3532, Apr 2017.
- [102] R. van Boekel, Th. Henning, J. Menu, J. de Boer, M. Langlois, A. Müller, H. Avenhaus, A. Boccaletti, H. M. Schmid, Ch. Thalmann, M. Benisty, C. Dominik, Ch. Ginski, J. H. Girard, D. Gisler, A. Lobo Gomes, F. Menard, M. Min, A. Pavlov, A. Pohl,

- S. P. Quanz, P. Rabou, R. Roelfsema, J. F. Sauvage, R. Teague, F. Wildi, and [Zurlo, A.](#) Three Radial Gaps in the Disk of TW Hydrae Imaged with SPHERE. *ApJ*, 837(2):132, Mar 2017.
- [103] D. Mesa, [Zurlo, A.](#), J. Milli, R. Gratton, S. Desidera, M. Langlois, A. Vigan, M. Bonavita, J. Antichi, H. Avenhaus, A. Baruffolo, B. Biller, A. Boccaletti, P. Bruno, E. Cascone, G. Chauvin, R. U. Claudy, V. De Caprio, D. Fantinel, G. Farisato, J. Girard, E. Giro, J. Hagelberg, S. Incorvaia, M. Janson, Q. Kral, E. Lagadec, A. M. Lagrange, L. Lessio, M. Meyer, S. Peretti, C. Perrot, B. Salasnich, J. Schlieder, H. M. Schmid, S. Scuderi, E. Sissa, C. Thalmann, and M. Turatto. Upper limits for mass and radius of objects around Proxima Cen from SPHERE/VLT. *MNRAS*, 466(1):L118–L122, Mar 2017.
- [104] [Zurlo, Alice](#), Lucas A. Cieza, Jonathan P. Williams, Hector Canovas, Sebastian Perez, Antonio Hales, Koraljka Mužić, David A. Principe, Dary Ruiz-Rodríguez, John Tobin, Yichen Zhang, Zhaohuan Zhu, Simon Casassus, and Jose L. Prieto. The ALMA early science view of FUor/EXor objects - I. Through the looking-glass of V2775 Ori. *MNRAS*, 465(1):834–842, Feb 2017.
- [105] H. Canovas, A. Hardy, [Zurlo, A.](#), Z. Wahhaj, M. R. Schreiber, A. Vigan, E. Villaver, J. Olofsson, G. Meeus, F. Ménard, C. Caceres, L. A. Cieza, and A. Garufi. Constraining the mass of the planet(s) sculpting a disk cavity. The intriguing case of 2MASS J16042165-2130284. *A&A*, 598:A43, Feb 2017.
- [106] M. Benisty, T. Stolker, A. Pohl, J. de Boer, G. Lesur, C. Dominik, C. P. Dullemond, M. Langlois, M. Min, K. Wagner, T. Henning, A. Juhasz, P. Pinilla, S. Facchini, D. Apai, R. van Boekel, A. Garufi, C. Ginski, F. Ménard, C. Pinte, S. P. Quanz, [Zurlo, A.](#), A. Boccaletti, M. Bonnefoy, J. L. Beuzit, G. Chauvin, M. Cudel, S. Desidera, M. Feldt, C. Fontanive, R. Gratton, M. Kasper, A. M. Lagrange, H. LeCoroller, D. Mouillet, D. Mesa, E. Sissa, A. Vigan, J. Antichi, T. Buey, T. Fusco, D. Gisler, M. Llored, Y. Magnard, O. Moeller-Nilsson, J. Pragt, R. Roelfsema, J. F. Sauvage, and F. Wildi. Shadows and spirals in the protoplanetary disk HD 100453. *A&A*, 597:A42, Jan 2017.
- [107] J. de Boer, G. Salter, M. Benisty, A. Vigan, A. Boccaletti, P. Pinilla, C. Ginski, A. Juhasz, A. L. Maire, S. Messina, S. Desidera, A. Cheetham, J. H. Girard, Z. Wahhaj, M. Langlois, M. Bonnefoy, J. L. Beuzit, E. Buenzli, G. Chauvin, C. Dominik, M. Feldt, R. Gratton, J. Hagelberg, A. Isella, M. Janson, C. U. Keller, A. M. Lagrange, J. Lannier, F. Menard, D. Mesa, D. Mouillet, M. Mugrauer, S. Peretti, C. Perrot, E. Sissa, F. Snik, N. Vogt, [Zurlo, A.](#), and SPHERE Consortium. Multiple rings in the transition disk and companion candidates around RX J1615.3-3255. High contrast imaging with VLT/SPHERE. *A&A*, 595:A114, Nov 2016.
- [108] D. Mesa, A. Vigan, V. D’Orazi, C. Ginski, S. Desidera, M. Bonnefoy, R. Gratton, M. Langlois, F. Marzari, S. Messina, J. Antichi, B. Biller, M. Bonavita, E. Cascone, G. Chauvin, R. U. Claudy, I. Curtis, D. Fantinel, M. Feldt, A. Garufi, R. Galicher, Th. Henning, S. Incorvaia, A. M. Lagrange, M. Millward, C. Perrot, B. Salasnich, S. Scuderi, E. Sissa, Z. Wahhaj, and [Zurlo, A.](#) Characterizing HR 3549 B using SPHERE. *A&A*, 593:A119, Oct 2016.
- [109] C. Thalmann, M. Janson, A. Garufi, A. Boccaletti, S. P. Quanz, E. Sissa, R. Gratton, G. Salter, M. Benisty, M. Bonnefoy, G. Chauvin, S. Daemgen, S. Desidera, C. Dominik, N. Engler, M. Feldt, T. Henning, A. M. Lagrange, M. Langlois, J. Lannier, H. Le Coroller, R. Ligi, F. Ménard, D. Mesa, M. R. Meyer, G. D. Mulders, J. Olofsson, C. Pinte, H. M. Schmid, A. Vigan, and [Zurlo, A.](#) Resolving the Planet-hosting Inner Regions of the LkCa 15 Disk. *ApJ*, 828(2):L17, Sep 2016.
- [110] Lucas A. Cieza, Simon Casassus, John Tobin, Steven P. Bos, Jonathan P. Williams, Sebastian Perez, Zhaohuan Zhu, Claudio Caceres, Hector Canovas, Michael M. Dunham, Antonio Hales, Jose L. Prieto, David A. Principe, Matthias R. Schreiber, Dary Ruiz-Rodríguez, and [Zurlo, Alice](#). Imaging the water snow-line during a protostellar outburst. *Nature*, 535(7611):258–261, Jul 2016.
- [111] A. Garufi, S. P. Quanz, H. M. Schmid, G. D. Mulders, H. Avenhaus, A. Boccaletti, C. Ginski, M. Langlois, T. Stolker, J. C. Augereau, M. Benisty, B. Lopez, C. Dominik, R. Gratton, T. Henning, M. Janson, F. Ménard, M. R. Meyer, C. Pinte, E. Sissa, A. Vigan, [Zurlo, A.](#), A. Bazzon, E. Buenzli, M. Bonnefoy, W. Brandner, G. Chauvin, A. Cheetham, M. Cudel, S. Desidera, M. Feldt, R. Galicher, M. Kasper, A. M. Lagrange, J. Lannier, A. L. Maire, D. Mesa, D. Mouillet, S. Peretti, C. Perrot, G. Salter, and F. Wildi. The SPHERE view of the planet-forming disk around HD 100546. *A&A*, 588:A8, Apr 2016.
- [112] M. Bonnefoy, [Zurlo, A.](#), J. L. Baudino, P. Lucas, D. Mesa, A. L. Maire, A. Vigan, R. Galicher, D. Homeier, F. Marocco, R. Gratton, G. Chauvin, F. Allard, S. Desidera, M. Kasper, C. Moutou, A. M. Lagrange, J. Antichi, A. Baruffolo, J. Baudrand, J. L. Beuzit, A. Boccaletti, F. Cantalloube, M. Carillet, J. Charton, R. U. Claudy, A. Costille, K. Dohlen, C. Dominik, D. Fantinel, P. Feautrier, M. Feldt, T. Fusco, P. Gigan, J. H. Girard, L. Gluck, C. Gry, T. Henning, M. Janson, M. Langlois, F. Madec, Y. Magnard, D. Maurel, D. Mawet, M. R. Meyer, J. Milli, O. Moeller-Nilsson, D. Mouillet, A. Pavlov, D. Perret, P. Pujet, S. P. Quanz, S. Rochat, G. Rousset, A. Roux, B. Salasnich, G. Salter, J. F. Sauvage, H. M. Schmid, A. Sevin, C. Soenke, E. Stadler, M. Turatto, S. Udry, F. Vakili, Z. Wahhaj, and F. Wildi. First light of the VLT planet finder SPHERE. IV. Physical and chemical properties of the planets around HR8799. *A&A*, 587:A58, Mar 2016.
- [113] A. L. Maire, M. Bonnefoy, C. Ginski, A. Vigan, S. Messina, D. Mesa, R. Galicher, R. Gratton, S. Desidera, T. G. Kopytova, M. Millward, C. Thalmann, R. U. Claudy, D. Ehrenreich, [Zurlo, A.](#), G. Chauvin, J. Antichi, A. Baruffolo, A. Bazzon, J. L. Beuzit, P. Blanchard, A. Boccaletti, J. de Boer, M. Carle, E. Cascone, A. Costille, V. De Caprio, A. Delboulb , K. Dohlen, C. Dominik, M. Feldt, T. Fusco, J. H. Girard, E. Giro, D. Gisler, L. Gluck, C. Gry, T. Henning, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, A. M. Lagrange, M. Langlois, D. Le Mignant, M. Llored, F. Madec, P. Martinez, D. Mawet, J. Milli, O. M ller-Nilsson, D. Mouillet, T. Moulin, C. Moutou, A. Orign , A. Pavlov, C. Petit, J. Pragt, P. Puget, J. Ramos, S. Rochat, R. Roelfsema, B. Salasnich, J. F. Sauvage, H. M. Schmid, M. Turatto, S. Udry, F. Vakili, Z. Wahhaj, L. Weber, and F. Wildi. First light of the VLT planet finder SPHERE. II. The physical properties and the architecture of the young systems PZ Telescopii and HD 1160 revisited. *A&A*, 587:A56, Mar 2016.
- [114] [Zurlo, A.](#), A. Vigan, R. Galicher, A. L. Maire, D. Mesa, R. Gratton, G. Chauvin, M. Kasper, C. Moutou, M. Bonnefoy, S. Desidera, L. Abe, D. Apai, A. Baruffolo, P. Baudoz, J. Baudrand, J. L. Beuzit, P. Blancard, A. Boccaletti, F. Cantalloube, M. Carle, E. Cascone, J. Charton, R. U. Claudy, A. Costille, V. de Caprio, K. Dohlen, C. Dominik, D. Fantinel, P. Feautrier, M. Feldt,

- T. Fusco, P. Gigan, J. H. Girard, D. Gisler, L. Gluck, C. Gry, T. Henning, E. Hugot, M. Janson, M. Jaquet, A. M. Lagrange, M. Langlois, M. Llored, F. Madec, Y. Magnard, P. Martinez, D. Maurel, D. Mawet, M. R. Meyer, J. Milli, O. Moeller-Nilsson, D. Mouillet, A. Origné, A. Pavlov, C. Petit, P. Puget, S. P. Quanz, P. Rabou, J. Ramos, G. Rousset, A. Roux, B. Salasnich, G. Salter, J. F. Sauvage, H. M. Schmid, C. Soenke, E. Stadler, M. Suarez, M. Turatto, S. Udry, F. Vakili, Z. Wahhaj, F. Wildi, and J. Antichi. First light of the VLT planet finder SPHERE. III. New spectrophotometry and astrometry of the HR 8799 exoplanetary system. *A&A*, 587:A57, Mar 2016.
- [115] A. Vigan, M. Bonnefoy, C. Ginski, H. Beust, R. Galicher, M. Janson, J. L. Baudino, E. Buenzli, J. Hagelberg, V. D'Orazi, S. Desidera, A. L. Maire, R. Gratton, J. F. Sauvage, G. Chauvin, C. Thalmann, L. Malo, G. Salter, [Zurlo, A.](#), J. Antichi, A. Baruffolo, P. Baudoz, P. Blanchard, A. Boccaletti, J. L. Beuzit, M. Carle, R. Claudi, A. Costille, A. Delboulbé, K. Dohlen, C. Dominik, M. Feldt, T. Fusco, L. Gluck, J. Girard, E. Giro, C. Gry, T. Henning, N. Hubin, E. Hugot, M. Jaquet, M. Kasper, A. M. Lagrange, M. Langlois, D. Le Mignant, M. Llored, F. Madec, P. Martinez, D. Mawet, D. Mesa, J. Milli, D. Mouillet, T. Moulin, C. Moutou, A. Origné, A. Pavlov, D. Perret, C. Petit, J. Pragt, P. Puget, P. Rabou, S. Rochat, R. Roelfsema, B. Salasnich, H. M. Schmid, A. Sevin, R. Siebenmorgen, A. Smette, E. Stadler, M. Suarez, M. Turatto, S. Udry, F. Vakili, Z. Wahhaj, L. Weber, and F. Wildi. First light of the VLT planet finder SPHERE. I. Detection and characterization of the substellar companion GJ 758 B. *A&A*, 587:A55, Mar 2016.
- [116] M. Reggiani, M. R. Meyer, G. Chauvin, A. Vigan, S. P. Quanz, B. Biller, M. Bonavita, S. Desidera, P. Delorme, J. Hagelberg, A. L. Maire, A. Boccaletti, J. L. Beuzit, E. Buenzli, J. Carson, E. Covino, M. Feldt, J. Girard, R. Gratton, T. Henning, M. Kasper, A. M. Lagrange, D. Mesa, S. Messina, G. Montagnier, C. Mordasini, D. Mouillet, J. E. Schlieder, D. Segransan, C. Thalmann, and [Zurlo, A.](#) The VLT/NaCo large program to probe the occurrence of exoplanets and brown dwarfs at wide orbits . III. The frequency of brown dwarfs and giant planets as companions to solar-type stars. *A&A*, 586:A147, Feb 2016.
- [117] Markus Janson, Christian Thalmann, Anthony Boccaletti, Anne-Lise Maire, [Zurlo, Alice](#), Francesco Marzari, Michael R. Meyer, Joseph C. Carson, Jean-Charles Augereau, Antonio Garufi, Thomas Henning, Silvano Desidera, Ruben Asensio-Torres, and Adriana Pohl. Detection of Sharp Symmetric Features in the Circumbinary Disk around AK Sco. *ApJ*, 816(1):L1, Jan 2016.
- [118] D. Mesa, R. Gratton, [Zurlo, A.](#), A. Vigan, R. U. Claudi, M. Alberi, J. Antichi, A. Baruffolo, J. L. Beuzit, A. Boccaletti, M. Bonnefoy, A. Costille, S. Desidera, K. Dohlen, D. Fantinel, M. Feldt, T. Fusco, E. Giro, T. Henning, M. Kasper, M. Langlois, A. L. Maire, P. Martinez, O. Moeller-Nilsson, D. Mouillet, C. Moutou, A. Pavlov, P. Puget, B. Salasnich, J. F. Sauvage, E. Sissa, M. Turatto, S. Udry, F. Vakili, R. Waters, and F. Wildi. Performance of the VLT Planet Finder SPHERE. II. Data analysis and results for IFS in laboratory. *A&A*, 576:A121, Apr 2015.
- [119] G. Chauvin, A. Vigan, M. Bonnefoy, S. Desidera, M. Bonavita, D. Mesa, A. Boccaletti, E. Buenzli, J. Carson, P. Delorme, J. Hagelberg, G. Montagnier, C. Mordasini, S. P. Quanz, D. Segransan, C. Thalmann, J. L. Beuzit, B. Biller, E. Covino, M. Feldt, J. Girard, R. Gratton, T. Henning, M. Kasper, A. M. Lagrange, S. Messina, M. Meyer, D. Mouillet, C. Moutou, M. Reggiani, J. E. Schlieder, and [Zurlo, A.](#) The VLT/NaCo large program to probe the occurrence of exoplanets and brown dwarfs at wide orbits. II. Survey description, results, and performances. *A&A*, 573:A127, Jan 2015.
- [120] [Zurlo, A.](#), A. Vigan, D. Mesa, R. Gratton, C. Moutou, M. Langlois, R. U. Claudi, L. Pueyo, A. Boccaletti, A. Baruffolo, J. L. Beuzit, A. Costille, S. Desidera, K. Dohlen, M. Feldt, T. Fusco, T. Henning, M. Kasper, P. Martinez, O. Moeller-Nilsson, D. Mouillet, A. Pavlov, P. Puget, J. F. Sauvage, M. Turatto, S. Udry, F. Vakili, R. Waters, and R. F. Wildi. Performance of the VLT Planet Finder SPHERE. I. Photometry and astrometry precision with IRDIS and IFS in laboratory. *A&A*, 572:A85, Dec 2014.
- [121] [Zurlo, A.](#), A. Vigan, J. Hagelberg, S. Desidera, G. Chauvin, J. M. Almenara, K. Biazzo, M. Bonnefoy, J. C. Carson, E. Covino, P. Delorme, V. D'Orazi, R. Gratton, D. Mesa, S. Messina, C. Moutou, D. Segransan, M. Turatto, S. Udry, and F. Wildi. Astrophysical false positives in direct imaging for exoplanets: a white dwarf close to a rejuvenated star. *A&A*, 554:A21, Jun 2013.
- [122] V. Nascimbeni, A. Cunial, S. Murabito, P. V. Sada, A. Aparicio, G. Piotto, L. R. Bedin, A. P. Milone, A. Rosenberg, [Zurlo, A.](#), L. Borsato, M. Damasso, V. Granata, and L. Malavolta. TASTE. III. A homogeneous study of transit time variations in WASP-3b. *A&A*, 549:A30, Jan 2013.
- [123] S. Desidera, R. Gratton, E. Carolo, A. F. Martinez Fiorenzano, M. Endl, D. Mesa, M. Cecconi, R. Claudi, R. Cosentino, S. Scuderi, A. Sozzetti, and [Zurlo, A.](#) A long-period massive planet around HD 106515A. *A&A*, 546:A108, Oct 2012.