

PERSONAL INFORMATION

Andrea La Camera

✉ andrea@teiga.it andrea.lacamera0@gmail.com

🌐 www.teiga.it

📄 <https://github.com/andrealacamera>

📅 Date of birth April 09, 1974 | 🇮🇹 Nationality Italian



EDUCATION

May 2011 **PhD in Computer Science (cycle 23)**

Main subjects / occupational skills covered Thesis title: *Advanced Methods for Astronomical Image Reconstruction: Analysis, Validation and Implementation in the Software Packages AIRY and AIRY-LN*, advisors professor P. Boccacci e professor M. Bertero. Final exam: May 11th, 2011. During the PhD I studied and implemented algorithms for the deconvolution of astronomical images and for the denoising of images. I developed the Software Package AIRY and AIRY-LN. I learned *Problem Solving* principles.

Organisation providing education and training Università degli Studi di Genova, Faculty of Mathematics, Physics and Natural Sciences, Department of Computer and Information Sciences (DISI).

March 2006 **Laurea V.O. (Master's degree) in Physics** Grades 105/110

Main subjects / occupational skills covered Thesis title: *Metodi di elaborazioni di immagini: progetto LBT*, advisor Prof. P. Boccacci. During my thesis I developed a method (and its implementation in IDL language) for extracting the Point Spread Function (PSF) from an astronomical image.

Organisation providing education and training Università degli Studi di Genova, Faculty of Mathematics, Physics and Natural Sciences, Department of Physics (DIFI).

1993 **Diploma di Perito Industriale Capotecnico (High School Diploma)** Grades 48/60

Organisation providing education and training I.T.I.S. "G. Ciampini", Novi Ligure (AL), Italy

MINI-COURSES

05-06/06/2014 *Introduction to Python Programming*

Organisation providing education and training Politecmed e DIBRIS, Università degli Studi di Genova

18-21/02/2014 *Machine-Learning: a Crash Course*

Organisation providing education and training Politecmed e DIBRIS, Università degli Studi di Genova

30/09 - 04/10/2013 *Elaborazione di immagini ed applicazioni mediche*

Organisation providing education and training Politecmed e DIBRIS, Università degli Studi di Genova

WORK EXPERIENCE

July 2017 – today

Occupation or position held Co-founder and consultant

Main activities and responsibilities Research and Development. Full Stack Developer (JavaScript, Node.js, React, Vue). Hardware-Software integration systems expert.

Employer Teiga Srls, Genova

October 2016 – October 2017Occupation or position held *Assegnista di Ricerca* (Postdoc Research Fellow)

Title “Utilizzo scientifico del Telescopio dell’Osservatorio Astronomico Regionale Parco Antola: acquisizione, elaborazione di immagini e controllo remoto”

Employer Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, Università degli Studi di Genova, via Balbi 5, Genova.

October 2014 – September 2016Occupation or position held *Assegnista di Ricerca* (Postdoc Research Fellow)

Title “Utilizzo scientifico del Telescopio dell’Osservatorio Astronomico Regionale Parco Antola: acquisizione, elaborazione di immagini e controllo remoto”

Employer Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, Università degli Studi di Genova, via Balbi 5, Genova. Co-funded by: Ente Parco Antola, Torriglia (GE).

June 2013 – June 2014Occupation or position held *Assegnista di Ricerca* (Postdoc Research Fellow)

Title “Ricostruzione di immagini astronomiche di Young Stellar Object (YSO)”

Employer Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, Università degli Studi di Genova, via Balbi 5, Genova.

May 2012 – May 2013Occupation or position held *Assegnista di Ricerca* (Postdoc Research Fellow)

Title “Ricostruzione di immagini astronomiche con Point Spread Function spazio variante”

Employer Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, Università degli Studi di Genova, via Balbi 5, Genova.

May 2011 – April 2012Occupation or position held *Assegnista di Ricerca* (Postdoc Research Fellow)

Title “Sviluppi di metodi e software per riduzione dati di LINC-NIRVANA”

Employer Istituto Nazionale di AstroFisica - Osservatorio Astronomico di Padova, Vicolo dell’Osservatorio 5, 35122 Padova

January 2011 – March 2012Occupation or position held *Borsa di studio ex art. 17* (Univ. scholarship)

Title “Metodi e software per la risoluzione di problemi inversi motivati da problemi di denoising e deconvoluzione di immagini in microscopia, astronomia ed ecografia”

Employer Dipartimento di Informatica e Scienze dell’Informazione, Università degli Studi di Genova, via Balbi 5, Genova.

January 2008 – December 2010

Occupation or position held PhD student

Employer Dipartimento di Informatica e Scienze dell’Informazione, Università degli Studi di Genova, via Balbi 5, Genova.

April 2007 – December 2007

Occupation or position held *Assegnista di ricerca* (Research Fellow)

Title “Metodi di elaborazione di immagini per il Large Binocular Telescope”

Employer Dipartimento di Informatica e Scienze dell’Informazione, Università degli Studi di Genova, via Balbi 5, Genova.

April 2006 – March 2007

Occupation or position held *Contratto di Coll. Coord. e Cont.*

Title “Progettazione e sviluppo di software riduzione dati per il Telescopio LBT”

Employer Osservatorio Astrofisico di Arcetri, Largo Enrico Fermi 5, 50125 Firenze.

THESIS ADVISOR

2016 Master Thesis [*Laurea Magistrale*] in Physics of Lorenzo Cabona

Title “Commissioning of the Antola Observatory. Determination of the performances of the spectrograph and a first scientific measurement: observation of exoplanet transits”

Role External advisor

2015 Master Thesis [*Laurea Magistrale*] in Physics of Chiara Righi

Title “Photometric variability of weak emission line quasar. A tool for understanding the actual nature of source: blazar or QSO? From instrument calibrations to science.”

Role External advisor

TEACHING ACTIVITY

September 2016 – September 2017 “Fondamenti di Informatica”, cod. 66052, degree course of Laurea in Ingegneria Biomedica, Università degli Studi di Genova, lecturer prof. Patrizia Boccacci.

Occupation Tutor and lab assistant; total 40 hours.

25/01–04/02 2016 *Attività di Formazione alla ricerca scientifica* – Stages PLS 2016, Department of Physics, Università degli Studi di Genova.

Occupation Organization, coordination and management of experimental activities for students of secondary schools.

26/01–05/02 2015 *Attività di Formazione alla ricerca scientifica* – Stages PLS 2015, Department of Physics, Università degli Studi di Genova.

Occupation Organization, coordination and management of experimental activities for students of secondary schools.

October 2014 – September 2015 “Fondamenti di Informatica”, cod. 66052, degree course of Laurea in Ingegneria Biomedica, Università degli Studi di Genova, lecturer prof. Francesco Masulli.

Occupation Tutor and lab assistant; total 40 hours.

October 2013 – December 2013 “Laboratorio di Calcolo”, degree course of Laurea in Fisica, Università degli Studi di Genova, lecturer prof. Patrizia Boccacci.

Occupation Tutor and lab assistant; total 40 hours.

October 2012 – December 2012 “Laboratorio di Calcolo”, degree course of Laurea in Fisica, Università degli Studi di Genova, lecturer prof. Patrizia Boccacci.

Occupation Tutor and lab assistant; total 40 hours.

- October 2011 – December 2011** “Laboratorio di Calcolo”, degree course of Laurea in Fisica, lecturer prof. Patrizia Boccacci.
 Occupation Tutor and lab assistant; total 40 hours.
- April 2010 – May 2010** “Metodi di Elaborazione Segnali e Immagini 1”, degree course of Laurea in Informatica, Università degli Studi di Genova, lecturer prof. Mario Bertero.
 Occupation Tutor and lab assistant; total 8 hours.
- September 2009 – December 2009** “Metodi di Elaborazione Segnali e Immagini 2”, degree course of Laurea in Informatica, Università degli Studi di Genova, lecturer prof. Mario Bertero.
 Occupation Tutor and lab assistant; total 18 hours.
- October 2008 – December 2008** “Metodi di Elaborazione Segnali e Immagini 2”, degree course of Laurea in Informatica, Università degli Studi di Genova, lecturer prof. Mario Bertero.
 Occupation Tutor and lab assistant; total 18 hours.

PUBLICATIONS

A total of 43 publications, divided in:

- 1 chapter of edited book,
- 16 journal articles,
- 25 conference proceedings, and
- 1 online article.

The complete list of publications can be found in my personal page:
<https://teiga.it/about/andrea2>

H-index from Google Scholar, visited on 2024/07/29
 Total (since 2019)
Citations: 562 (218)
h-index: 14 (9)
i10-index: 18 (9)

PERSONAL SKILLS

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1	B1	B2
French	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Digital competences

SELF-ASSESSMENT				
Information Processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Proficient user	Independent user	Proficient user

[Digital competences - Self-assessment grid](#)

Computer skills
 Programming languages Excellent knowledge of: JavaScript (Node.JS, and React & Vue frameworks), HTML e CSS (TailwindCSS), IDL, Python, C#, and C++. Good knowledge of: .NET Framework, Matlab, Octave, C, SQL, Java, PHP, Fortran.

Operating Systems Excellent knowledge of Linux and Mac OS. Good knowledge of Windows.
Other computer skills Excellent knowledge of L^AT_EX typesetting system. Good knowledge of LibreOffice and MSOffice. Excellent knowledge of photo- and image- manipulator programs (e.g. Gimp) and vector graphics editor (Inkscape). Good knowledge of video editing software.

Research interests

- Image deconvolution in Astronomy. Post-Adaptive-Optics data. Richardson-Lucy algorithm and its multiple image versions: MRL and OSEM. Accelerations and regularizations of the methods. Scaled Gradient Projection (SGP) method. Blind Deconvolution. High Dynamic Range deconvolution.
- The Software Packages AIRY and AIRY-LN. Tools for the simulation and the reconstruction of astronomical images, with applications to the Large Binocular Telescope and LINC-NIRVANA, its Fizeau interferometric camera.
- The Software PATCH. Image reconstruction with Spatially Variant PSF.
- Data acquisition with the 0.8m telescope of the Astronomical Regional Observatory of Parco Antola (OARPAF), Italy.
- Multi-scale image decomposition. The Steerable Pyramid Transform and its application to the denoising of astronomical images.

Technological interests

- Single-board (micro)controllers: Arduino, Raspberry Pi (and PIC in the past), and DIY.
- Hardware-Software integration.
- 3D modeling and printing.
- Internet of Things and Cyber Physical Systems.
- Intelligent network systems.

PUBLICATIONS (FULL LIST)

- [1] D. Ricci, L. Cabona, C. Righi, A. La Camera, F. Nicolosi, and S. Tosi. “Technical and Software Upgrades Completed and Planned at OARPAF”. In: *Revista Mexicana de Astronomia y Astrofisica Conference Series*. Vol. 53. Revista Mexicana de Astronomia y Astrofisica Conference Series. Sept. 2021, pp. 14–17. DOI: 10.22201/ia.14052059p.2021.53.04. arXiv: 2006.03305 [astro-ph.IM].
- [2] D. Ricci et al. “Commissioning and improvements of the instrumentation and launch of the scientific exploitation of OARPAF, the Regional Astronomical Observatory of the Antola Park”. In: *Journal of Astronomical Telescopes, Instruments, and Systems* 7, 025003 (Apr. 2021), p. 025003. DOI: 10.1117/1.JATIS.7.2.025003. arXiv: 2011.13262 [astro-ph.IM].
- [3] L. Cabona, D. Ricci, A. Marini, M. Santostefano, M. Aliverti, A. La Camera, C. Righi, and S. Tosi. “Cerberus: A three-headed instrument for the OARPAF telescope”. In: *Ground-based and Airborne Instrumentation for Astronomy VIII*. Ed. by C. J. Evans, J. J. Bryant, and K. Motohara. Vol. 11447. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. Dec. 2020, 114475J, 114475J. DOI: 10.1117/12.2562058. arXiv: 2011.13362 [astro-ph.IM].
- [4] M. Prato, A. La Camera, C. Arcidiacono, P. Boccacci, and M. Bertero. “Multiple Image Deblurring with High Dynamic-Range Poisson Data”. In: *Computational Methods for Inverse Problems in Imaging*. Ed. by M. Donatelli and S. Serra-Capizzano. Cham: Springer International Publishing, 2019, pp. 117–140. DOI: 10.1007/978-3-030-32882-5_6. URL: https://doi.org/10.1007/978-3-030-32882-5_6.
- [5] A. Soulain et al. “SPHERE view of Wolf-Rayet 104. Direct detection of the Pinwheel and the link with the nearby star”. In: *Astronomy & Astrophysics* 618, A108 (Oct. 2018), A108. DOI: 10.1051/0004-6361/201832817. arXiv: 1806.08525 [astro-ph.SR].
- [6] D. Ricci et al. “Multi-filter Transit Observations of HAT-P-3b and TrES-3b with Multiple Northern Hemisphere Telescopes”. In: *Publications of the Astronomical Society of the Pacific* 129.976 (June 2017), p. 064401. DOI: 10.1088/1538-3873/aa6b54. arXiv: 1704.01112 [astro-ph.EP].

- [7] S. Antonucci et al. “Sub-0.1” optical imaging of the Z CMa jets with SPHERE/ZIMPOL”. In: *Astronomy & Astrophysics* 593, L13 (Sept. 2016), p. L13. DOI: 10.1051/0004-6361/201628968. arXiv: 1608.07974 [astro-ph.SR].
- [8] A. Benfenati, A. La Camera, and M. Carillet. “Deconvolution of post-adaptive optics images of faint circumstellar environments by means of the inexact Bregman procedure”. In: *Astronomy & Astrophysics* 586, A16 (Feb. 2016), A16. DOI: 10.1051/0004-6361/201526960.
- [9] M. Carillet, A. La Camera, J.-P. Folcher, U. Perruchon-Monge, and A. Sy. “The software package CAOS 7.0: enhanced numerical modelling of astronomical adaptive optics systems”. In: *Adaptive Optics Systems V*. Ed. by E. Marchetti, L. M. Close, and J.-P. Véran. Vol. 9909. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. July 2016, 99097J, 99097J. DOI: 10.1117/12.2234280.
- [10] A. La Camera, M. Carillet, M. Prato, P. Boccacci, and M. Bertero. “The software package AIRY 7.0: new efficient deconvolution methods for post-adaptive optics data”. In: *Adaptive Optics Systems V*. Ed. by E. Marchetti, L. M. Close, and J.-P. Véran. Vol. 9909. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. July 2016, 99097T, 99097T. DOI: 10.1117/12.2231711.
- [11] M. Ancona, P. Clini, A. Dellacasa, P. Falzone, A. La Camera, R. Quattrini, E. Sommariva, and J. Stephens. “Extending a Mobile Device with Low-Cost 3d Modeling and Building-Scale Mapping Capabilities, for Application in Architecture and Archaeology”. In: *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences XL-5/W4* (Feb. 2015), pp. 453–459. DOI: 10.5194/isprsarchives-XL-5-W4-453-2015.
- [12] M. Ancona, A. Dellacasa, G. Delzanno, A. La Camera, and I. Rellini. “An “Internet of Things” Vision of the Flood Monitoring Problem”. In: *AMBIENT - The Fifth International Conference on Ambient Computing Applications, Services and Technologies*. July 2015.
- [13] A. Conrad et al. “High angular resolution at LBT”. In: *AGU Fall Meeting Abstracts*. Vol. 2015. Dec. 2015, P23D-08, P23D-08.
- [14] A. Conrad et al. “High resolution LBT imaging of Io and Jupiter”. In: *European Planetary Science Congress*. Oct. 2015, EPSC2015-351, EPSC2015-351.
- [15] A. Conrad et al. “Spatially Resolved M-band Emission from Io’s Loki Patera-Fizeau Imaging at the 22.8 m LBT”. In: *Astronomical Journal* 149.5, 175 (May 2015), p. 175. DOI: 10.1088/0004-6256/149/5/175.
- [16] A. La Camera, L. Schreiber, E. Diolaiti, P. Boccacci, M. Bertero, M. Bellazzini, and P. Ciliegi. “A method for space-variant deblurring with application to adaptive optics imaging in astronomy”. In: *Astronomy & Astrophysics* 579, A1 (July 2015), A1. DOI: 10.1051/0004-6361/201525610. arXiv: 1505.01684 [astro-ph.IM].
- [17] A. La Camera and L. Schreiber. *Deblurring of post-adaptive optics images*. Sept. 2015.
- [18] M. Prato, A. La Camera, S. Bonettini, S. Rebegoldi, M. Bertero, and P. Boccacci. “A blind deconvolution method for ground based telescopes and Fizeau interferometers”. In: *New Astronomy* 40 (Oct. 2015), pp. 1–13. DOI: 10.1016/j.newast.2015.03.006. arXiv: 1503.05673 [math.NA].
- [19] M. Prato, A. La Camera, S. Bonettini, and M. Bertero. “The scaled gradient projection method: an application to nonconvex optimization”. In: *Proceedings of PIERS*. isbn-978-1-934142-30-1: The Electromagnetics Academy, July 2015, pp. 2332–2336.

- [20] M. Ancona, N. Corradi, A. Dellacasa, G. Delzanno, J.-L. Dugelay, B. Federici, P. Gourbesville, G. Guerrini, A. La Camera, P. Rosso, J. Stephens, A. Tacchella, and G. Zolezzi. "On the Design of an Intelligent Sensor Network for Flash Flood Monitoring, Diagnosis and Management in Urban Areas - Position Paper". In: *Proc. of the The 5th International Conference on Ambient Systems, Networks and Technologies (ANT-2014); the 4th International Conference on Sustainable Energy Information Technology (SEIT-2014)*. Vol. 32. 10.1016/j.procs.2014.05.515: PROCEDIA COMPUTER SCIENCE, June 2014, pp. 941–946.
- [21] S. Antonucci, A. La Camera, B. Nisini, T. Giannini, D. Lorenzetti, D. Paris, and E. Sani. "The HH34 outflow as seen in [Fe ii] 1.64 μm by LBT-LUCI". In: *Astronomy & Astrophysics* 566, A129 (June 2014), A129. DOI: 10.1051/0004-6361/201423944. arXiv: 1406.0761 [astro-ph.SR].
- [22] M. Carbillet, A. La Camera, J. Deguignet, M. Prato, M. Bertero, É. Aristidi, and P. Boccacci. "Strehl-constrained reconstruction of post-adaptive optics data and the Software Package AIRY, v. 6.1". In: *Adaptive Optics Systems IV*. Ed. by E. Marchetti, L. M. Close, and J.-P. Vran. Vol. 9148. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. Aug. 2014, 91484U, 91484U. DOI: 10.1117/12.2058525.
- [23] P. Ciliegi, A. La Camera, L. Schreiber, M. Bellazzini, M. Bertero, P. Boccacci, E. Diolaiti, I. Foppiani, M. Lombini, D. Massari, P. Montegriffo, and M. Talia. "Image restoration with spatially variable PSF". In: *Adaptive Optics Systems IV*. Ed. by E. Marchetti, L. M. Close, and J.-P. Vran. Vol. 9148. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. Aug. 2014, 91482O, 91482O. DOI: 10.1117/12.2055914.
- [24] A. Conrad et al. "High Resolution Imaging of Io's Volcanoes with LBTI". In: *AAS/Division for Planetary Sciences Meeting Abstracts*. Vol. 46. AAS/Division for Planetary Sciences Meeting Abstracts. Nov. 2014, 418.18, p. 418.18.
- [25] A. La Camera, S. Antonucci, M. Bertero, P. Boccacci, D. Lorenzetti, B. Nisini, and C. Arcidiacono. "Reconstruction of High Dynamic Range Images: Simulations of LBT Observations of a Stellar Jet, a Pathfinder Study for Future AO-Assisted Giant Telescopes". In: *Publications of the Astronomical Society of the Pacific* 126.936 (Feb. 2014), p. 180. DOI: 10.1086/675509.
- [26] J. M. Leisenring et al. "Fizeau interferometric imaging of Io volcanism with LBTI/LMIRcam". In: *Optical and Infrared Interferometry IV*. Ed. by J. K. Rajagopal, M. J. Creech-Eakman, and F. Malbet. Vol. 9146. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. July 2014, 91462S, 91462S. DOI: 10.1117/12.2057290.
- [27] M. Prato, A. La Camera, and S. Bonettini. "An alternating minimization method for blind deconvolution from Poisson data". In: *Journal of Physics Conference Series*. Vol. 542. Journal of Physics Conference Series. IOP, Oct. 2014, 012006, p. 012006. DOI: 10.1088/1742-6596/542/1/012006.
- [28] M. Carbillet, A. La Camera, O. Chesneau, F. Millour, J. Girard, and M. Prato. "Deconvolution-based super resolution for post-AO data". In: *Proceedings of the Third AO4ELT Conference*. Ed. by S. Esposito and L. Fini. Dec. 2013, 104, p. 104. DOI: 10.12839/AO4ELT3.13505.
- [29] A. R. Conrad, W. J. Merline, A. La Camera, P. Boccacci, M. Bertero, T. M. Herbst, M. Kuerster, B. Carry, J. Drummond, M. Norris, and J. C. Christou. "Detecting Asteroid Satellites with LINC-NIRVANA at the Large Binocular Telescope". In: *44th Annual Lunar and Planetary Science Conference*. Lunar and Planetary Science Conference. Mar. 2013, p. 2032.
- [30] R. Hofferbert et al. "LINC-NIRVANA for the large binocular telescope: setting up the world's largest near infrared binoculars for astronomy". In: *Optical Engineering* 52, 081602 (Aug. 2013), p. 081602. DOI: 10.1117/1.0E.52.8.081602.

- [31] M. Prato, A. La Camera, S. Bonettini, and M. Bertero. “A convergent blind deconvolution method for post-adaptive-optics astronomical imaging”. In: *Inverse Problems* 29.6, 065017 (June 2013), p. 065017. DOI: 10.1088/0266-5611/29/6/065017. arXiv: 1305.0421 [astro-ph.IM].
- [32] L. Schreiber, A. La Camera, M. Prato, and E. Diolaiti. “Point Spread Function extraction in crowded fields using blind deconvolution”. In: *Proceedings of the Third AO4ELT Conference*. Ed. by S. Esposito and L. Fini. Dec. 2013, 78, p. 78. DOI: 10.12839/AO4ELT3.13358.
- [33] F. Benvenuto, A. La Camera, C. Theys, A. Ferrari, H. Lantéri, and M. Bertero. “Corrigendum: The study of an iterative method for the reconstruction of images corrupted by Poisson and Gaussian noise”. In: *Inverse Problems* 28.6, 069502 (June 2012), p. 069502. DOI: 10.1088/0266-5611/28/6/069502.
- [34] R. Hofferbert et al. “LINC-NIRVANA for the LBT: setting up the world’s largest NIR binoculars for astronomy”. In: *Infrared Remote Sensing and Instrumentation XX*. Ed. by M. Strojnik and G. Paez. Vol. 8511. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. Oct. 2012, 85110A, 85110A. DOI: 10.1117/12.928284.
- [35] A. La Camera, S. Antonucci, M. Bertero, P. Boccacci, D. Lorenzetti, and B. Nisini. “Image reconstruction for observations with a high dynamic range: LINC-NIRVANA simulations of a stellar jet”. In: *Optical and Infrared Interferometry III*. Ed. by F. Delplancke, J. K. Rajagopal, and F. Malbet. Vol. 8445. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. July 2012, 84453D, p. 84453D. DOI: 10.1117/12.925539. arXiv: 1210.1101 [astro-ph.IM].
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- [37] M. Bertero, P. Boccacci, A. La Camera, C. Olivieri, and M. Carbillet. “Imaging with LINC-NIRVANA, the Fizeau interferometer of the Large Binocular Telescope: state of the art and open problems”. In: *Inverse Problems* 27.11, 113001 (Nov. 2011), p. 113001. DOI: 10.1088/0266-5611/27/11/113001.
- [38] M. Bertero, P. Boccacci, G. Desidera, A. La Camera, M. Carbillet, and H. Lanteri. “Imaging with LINC-NIRVANA”. In: *IEEE Signal Processing Magazine* 27.1 (2010), pp. 110–115. DOI: 10.1109/MSP.2009.934714.
- [39] M. Carbillet, G. Desiderà, É. Augier, A. La Camera, A. Riccardi, A. Boccaletti, L. Jolissaint, and D. Ab Kadir. “The CAOS problem-solving environment: last news”. In: *SF2A-2010: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics*. Ed. by S. Boissier, M. Heydari-Malayeri, R. Samadi, and D. Valls-Gabaud. Dec. 2010, p. 61.
- [40] M. Carbillet, G. Desiderà, E. Augier, A. La Camera, A. Riccardi, A. Boccaletti, L. Jolissaint, and D. Ab Kabir. “The CAOS problem-solving environment: recent developments”. In: *Adaptive Optics Systems II*. Ed. by B. L. Ellerbroek, M. Hart, N. Hubin, and P. L. Wizinowich. Vol. 7736. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. July 2010, 773644, p. 773644. DOI: 10.1117/12.856408.
- [41] P. Ciliegi, A. La Camera, C. Arcidiacono, M. Bertero, P. Boccacci, E. Diolaiti, I. Foppiani, M. Lombini, and L. Schreiber. “Analysis of LBT LINC-NIRVANA simulated images of galaxies”. In: *Optical and Infrared Interferometry II*. Ed. by W. C. Danchi, F. Delplancke, and J. K. Rajagopal. Vol. 7734. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series. July 2010, 77342G, 77342G. DOI: 10.1117/12.856951.

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