

CONTACT INFORMATION	Rodolfo Angeloni Instituto de Investigación Multidisciplinar en Ciencia y Tecnología Universidad de La Serena Av. R. Bitrán 1305 La Serena, Chile	Phone: +56 51 2204485 E-mail: rangeloni@userena.cl URL: www.rodolfoangeloni.net
PERSONAL INFORMATION	Born: 11 September 1979 in Terni, Italy Nationality: Italian Languages: English, Spanish (fluent), French (moderate), Greek, Hebrew (basic), Italian (native)	
EDUCATION	<b>Università degli Studi di Padova</b> , Padova, Italy Ph.D., Doctorate School in Astronomy, April 2009 <ul style="list-style-type: none"><li>• Thesis Title: Spectral Properties of Galactic and Extragalactic Symbiotic Stars</li><li>• Advisors: Professor P. Rafanelli – Dr. M. Contini (Tel Aviv University, Israel)</li></ul> M.S., Department of Astronomy, July 2005 <span style="float: right;">GPA: 106 (110 scale)</span> <ul style="list-style-type: none"><li>• Thesis Title: The Infrared Continuum of Symbiotic Stars</li><li>• Advisor: Professor P. Rafanelli</li></ul> <b>Liceo Ginnasio Classico “G. C. Tacito”</b> , Terni, Italy High School Diploma, July 1997 <span style="float: right;">GPA: 54 (60 scale)</span> <ul style="list-style-type: none"><li>• Humanities</li><li>• Classical Training in Philosophy, Latin and Ancient Greek</li></ul>	
RESEARCH INTERESTS	Stellar Astrophysics, Astronomical Instrumentation, Cultural Astronomy, Philosophy of Science.	
RESEARCH EXPERIENCE	<b>Universidad de La Serena</b> , La Serena, Chile <u>Assistant Professor</u> <span style="float: right;"><b>April 2017 to present</b></span> <ul style="list-style-type: none"><li>• Instituto de Investigación Multidisciplinar en Ciencia y Tecnología</li><li>• Departamento de Física y Astronomía – Area de Astronomía</li></ul> <b>AURA - GEMINI Observatory</b> , La Serena, Chile <u>GEMINI Science Fellow</u> <span style="float: right;"><b>September 2014 to March 2017</b></span> <ul style="list-style-type: none"><li>• Funding: AURA - Gemini Observatory</li><li>– Gemini South Telescope Science Operations Group</li></ul>	

**Pontificia Universidad Católica de Chile, Santiago, Chile**

Postdoctoral Researcher

**October 2013 to August 2014**

- Funding: MPIA-PUC
  - Support Astronomer at the MPG 2.2m Telescope, La Silla Observatory
  - Academic Sponsors: Prof. R. Gredel and Prof. L. Infante

Postdoctoral Researcher

**October 2012 to September 2013**

- Funding: GEMINI-CONICYT, Project #32100022
- Funding: PUC School of Engineering Post-doctoral Fellowship
  - Academic Sponsors: Prof. T. H. Puzia and Prof. D. Guzmán

Postdoctoral Researcher

**October 2009 to September 2012**

- Funding: FONDECYT – Fondo Nacional de Desarrollo Científico y Tecnológico
  - “Topics in Stellar Variability. From VISTA to ALMA”, Project #3100029
  - Academic Sponsor: Prof. M. Catelan

**Tel Aviv University, Tel Aviv, Israel**

Visiting PhD Student

**June 2006 to May 2007**

- Sackler School of Physics and Astronomy
  - “Spectral Properties of Galactic and Extragalactic Symbiotic Stars”
  - Advisor: Dr. Marcella Contini

GRANTS

KASI funded Korea-Chile Collaboration in Stellar Astrophysics – as Co-PI

“Mass Loss Processes in Symbiotic Stars and Young PNae / 2”

June 1, 2018 to June 1, 2020 – USD\$ 100000

GEMINI Instrument Upgrade Proposal – as Co-PI

“Raman OVI narrow-band imaging with Gemini/GMOS - A promising new technique to discover Symbiotic Stars in the Local Group of Galaxies”

2017 – USD\$ 40500

KASI funded Korea-Chile Collaboration in Stellar Astrophysics – as Co-PI

“Mass Loss Processes in Symbiotic Stars and Young PNae”

June 1, 2015 to June 1, 2018 – USD\$ 100000

AURA-GEMINI Science Fellowship

September 1, 2014 to March 24, 2017

QUIMAL-CONICYT Project #130006 – as Co-I (Instrument Scientist)

“A Multi-Band, Near UV-Optical Imager for the SOAR 4m Telescope”

November 1, 2014 to November 1, 2016 – CLP\$ 179460000

MPIA-PUC Research Associate Grant

October 1, 2013 to August 31, 2014

GEMINI-CONICYT Project #32100022

October 1, 2012 to October 31, 2013

PUC School of Engineering Postdoctoral Fellowship

October 1, 2012 to September 30, 2013

FONDECYT Postdoctoral Project, Fondo Nacional de Desarrollo Científico y Tecnológico

#3100029, October 1, 2009 to September 30, 2012

MILKY WAY MILLENNIUM NUCLEUS Postdoctoral Support, Programa Iniciativa Científica

Milenio P07-021-F, September 1, 2011 to December 31, 2011

PROFESSIONAL  
SERVICE

**Academic Service for Univ. of La Serena**

Responsible for the Institutional and Media Relationship of the Astronomy Group  
April 2017 - present

Member of Master Program Committee  
April 2017 - April 2018

**Time Allocation Committees**

Member of the GEMINI-CONICYT Chilean National TAC  
Semesters 2015B - 2017B

**Referee Service**

Acta Astronomica; Astronomical Journal; Astrophysical Journal; Monthly Notices of the Royal Astronomical Society

**ALMA-CONICYT Fund**

Reviewer in the evaluation process of submitted project

**CHINA-CONICYT Fund**

Reviewer in the evaluation process of submitted project

**Conference Service**

SOC member and LOC Chair of the "Second Chilean Gemini Users Meeting",  
La Serena, Chile, September 6–8, 2017

SOC Chair of the "First Chile-Korea Workshop on Stellar Astrophysics – Mass Loss Processes in Symbiotic Stars and Young Planetary Nebulae",  
La Serena, Chile, December 04–07, 2016

LOC member of the "INCAI 2013 WORKSHOP - Exploring the Nature of the Evolving Universe III",  
Santiago, Chile, August 19–24, 2013

LOC member of the "4th VISTA Variables in the Vía Láctea Science Meeting",  
Viña del Mar, Chile, March 21–23, 2013

LOC member of the "X Reunión Científica Anual de la Sociedad Chilena de Astronomía"  
VISTA Variables in the Vía Láctea Survey  
Viña del Mar, Chile, October 10–12, 2012

SOFTWARE SKILLS **Astronomical**

- IRAF, TOPCAT, GEMINI softwares (PIT, OT, QPT), Virtual Observatory Tools, SUMA<sup>1</sup>

**Computer Programming**

- Awk, IRAF CL scripting, Python, SQL, SuperMongo, UNIX shell scripting

**Productivity Applications**

- T<sub>E</sub>X (L<sup>A</sup>T<sub>E</sub>X, B<sub>I</sub>B<sub>T</sub>E<sub>X</sub>), GNU Emacs, Nedit; most common productivity packages (for Windows and Linux platforms)

**Operating Systems**

- Microsoft Windows family, Linux

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<sup>1</sup><http://wise-obs.tau.ac.il/marcel/suma/index.htm>

FURTHER  
DEGREES

**Coursera**

Universal access to the world's best education through online courses **2015-2017**

- Archaeoastronomy by Politecnico di Milano  
<https://www.coursera.org/account/accomplishments/certificate/S4GU593FSN7Z>
- Astrobiology and the Search for Extraterrestrial Life by The University of Edinburgh  
<https://www.coursera.org/account/accomplishments/certificate/SS47YCRTYMAU>
- Philosophy, Science and Religion: Science and Philosophy by The University of Edinburgh  
<https://www.coursera.org/account/accomplishments/certificate/5JTKLY7F2JXK>
- Philosophy and the Sciences by University of Edinburgh  
<https://www.coursera.org/account/accomplishments/certificate/TK762BGKSB>
- Introduction to Philosophy by University of Edinburgh  
<https://www.coursera.org/account/accomplishments/certificate/RVS4EHV5YPF52>
- Using Databases with Python by University of Michigan  
<https://www.coursera.org/account/accomplishments/certificate/FMFTZ584GM9A>
- Using Python to Access Web Data by University of Michigan  
<https://www.coursera.org/account/accomplishments/certificate/6CQSCUHBQX29>
- Python Data Structures by University of Michigan  
<https://www.coursera.org/account/accomplishments/certificate/9VXGJNWNHH>
- Programming for Everybody (Python) by University of Michigan  
<https://www.coursera.org/account/accomplishments/certificate/9VXGJNWNHH>

**IFICC, Santiago, Chile**

Instituto de Filosofía y Ciencias de la Complejidad

**2015**

- Diplomado en Filosofía de la Ciencia con mención en Filosofía de la Física  
<http://ificc.cl/node/529>

**University for Foreigners, Siena, Italy**

DITALS I

**2008**

- Teacher of Italian as second language  
<http://ditals.unistrasi.it/>

REFERENCES  
AVAILABLE TO  
CONTACT

**Dr. Nancy Levenson** (e-mail: [nlevenson@stsci.edu](mailto:nlevenson@stsci.edu); phone: +1-410-338-6861)

- STScI Deputy Director, Space Telescope Science Institute  
– 3700 San Martin Drive, Baltimore, MD 21218

**Dr. Hee-Won Lee** (e-mail: [hwlee@sejong.ac.kr](mailto:hwlee@sejong.ac.kr); phone: +82-2-3408-3722)

- Professor, Dept. of Astronomy, Sejong University  
– Sejong University, 209 Neungongdo-ro, Seoul, South Korea

**Dr. René Rutten** (e-mail: [rrutten@gemini.edu](mailto:rrutten@gemini.edu); phone: +56-51-2205-629)

- Head of Science Operations, Gemini-South Observatory  
– Colina el Pino, Casilla 603 – La Serena, Chile

**Dr. Francesco Di Mille** (e-mail: [fdimille@lco.cl](mailto:fdimille@lco.cl); phone: +56-51-2203-647)

- Technical Operations Manager, Las Campanas Observatory  
– Colina el Pino, Casilla 601 – La Serena, Chile

More references available upon request.

MORE  
INFORMATION

More information and auxiliary documents can be found at:  
[www.rodolfoangeloni.net/](http://www.rodolfoangeloni.net/)

LAST REVISION

December 2018

LIST OF  
PUBLICATIONS  
REFEREED  
JOURNALS

- [1] Saito, R. K., Minniti, D., Ivanov, V. et al., including **Angeloni, R.** 2019, MNRAS, 482, 5000: VVV-WIT-07: another Boyajian's star or a Mamajek's object?
- [2] Pietrukowicz, P., Di Mille, F., **Angeloni, R.** & Udalski, A. 2018, AcA, 68, 259: Identification of V735 Sgr as an Active Herbig Ae/Be Object
- [3] Milone, A. P., Marino, A. F., Di Criscienzo, M. et al., including **Angeloni, R.** 2018, MNRAS, 477, 2640: Multiple stellar populations in Magellanic Cloud clusters - VI. A survey of multiple sequences and Be stars in young clusters
- [4] Chang, S.-J., Lee, H.-W., Ahn, S.-H., et al., including **Angeloni, R.** 2018, JKAS, 51, 5: Escape of Resonantly Scattered Ly $\beta$  and H $\alpha$  from Hot and Optically Thick Media
- [5] Pietrukowicz, P., Dziembowski, W. A., Latour, M., **Angeloni, R.** et al. 2017, NatAs, 1E, 166P: Blue Large-Amplitude Pulsators – A New Class of Variable Stars
- [6] Chakrabarti, S., **Angeloni, R.**, Freeman, K., et al. 2017, ApJ, 844, 159: Discovery of a group of receding, variable halo stars towards Norma
- [7] Walborn, N.-R., Gamen, R., Morrell, N., et al., including **Angeloni, R.** 2017, AJ, 154, 15: Active Luminous Blue Variables in the Large Magellanic Cloud
- [8] Heo, J.-E., **Angeloni, R.**, Di Mille, F., et al. 2016, ApJ, 833, 286: A Profile Analysis of Raman-Scattered O VI Bands at 6825Å and 7082Å in Sanduleak's Star
- [9] Heo, J.-E., **Angeloni, R.**, Di Mille, F. et al. 2016, JPhCS, 728, 2014: Raman-scattered O VI 1032 and He II 1025 and Bipolar Outflow in the Symbiotic Star V455 Sco
- [10] Elorrieta, F., Eyheramendy, S., Jordan, A., et al., including **Angeloni, R.** 2016, A&A, 595, 82: An RR Lyrae type AB machine learned classifier for the VVV ESO Public Survey
- [11] Chang, S.-J., Heo, J.-E, Di Mille, F., **Angeloni, R.** et al. 2015, ApJ, 814, 98C: Formation of Raman Scattering Wings around H alpha, H beta, and Pa alpha in Active Galactic Nuclei
- [12] Pietrukowicz, P., Latour, M., **Angeloni, R.** et al. 2015, AcA, 65, 63: A Low-Resolution Spectroscopic Exploration of Puzzling OGLE Variable Stars
- [13] Navarrete, C., Contreras Ramos, R., Catelan, M. et al., including **Angeloni, R.** 2015, A&A, 577, A99: An Updated Census of RR Lyrae Stars in the Globular Cluster  $\omega$  Centauri (NGC 5139)
- [14] Ferreira Lopes, C. E., Dékány, I., Catelan, M., **Angeloni, R.** et al. 2015, A&A, 573, 100: The WFCAM Multi-wavelength Variable Star Catalog
- [15] **Angeloni, R.**, Contreras Ramos, R., Catelan, M. et al. 2014, A&A, 567, 100: The VVV Templates Project. Towards an Automated Classification of VVV Light-Curves. I. Building a database of stellar variability in the near-infrared

- [16] Marino, A. F.; Milone, A. P.; Yong, D. et al., including **Angeloni, R.** 2014, MNRAS, 442, 3044: The halo+cluster system of the Galactic globular cluster NGC 1851
- [17] **Angeloni, R.**, Ferreira Lopes, C. E., Masetti, N. et al. 2014, MNRAS, 438, 35: Symbiotic Stars in OGLE Data. I. Large Magellanic Cloud Systems
- [18] Marino, A. F.; Milone, A. P.; Przybilla, N. et al., including **Angeloni, R.** 2014, MNRAS, 437, 1609: Helium enhanced stars and multiple populations along the horizontal branch of NGC2808: direct spectroscopic measurements
- [19] Navarrete, C.; Catelan, M.; Contreras Ramos, R. et al., including **Angeloni, R.** 2013, IBVS, 6078, 1: A misidentified RR Lyrae variable star in  $\omega$  Centauri
- [20] Saito, R. K., Minniti, D., **Angeloni, R.**, et al. 2013, A&A, 554, 123: A Near-Infrared Catalogue of the Galactic Novae in the VVV Survey Area
- [21] Rozyczka, M. et al., including **Angeloni, R.** 2013, MNRAS, 429, 1840: Absolute parameters of AE For – a highly active detached binary of late K type
- [22] **Angeloni, R.**, Di Mille, F., Lopes, C. E. & Masetti, N. 2012, ApJ, 756L, 21A: Discovery of high-amplitude, rapid photometric variability of V648 Car
- [23] Saito, R. K., Hempel, M., Minniti, D., et al., including **Angeloni, R.** 2012, A&A, 537, A107: VVV DR1 - The first data release of the Milky Way bulge and southern plane from the near-infrared ESO public survey VISTA variables in the Vía Láctea
- [24] **Angeloni, R.**, Di Mille, F., Bland-Hawthorn, J., & Osip, D. J. 2011, ApJ, 743, L8: Discovery of a Giant, Highly Collimated Jet from Sanduleak's Star in the Large Magellanic Cloud
- [25] Corradi, R. L. M., Sabin, L., Munari, U., et al., including **Angeloni, R.** 2011, A&A, 529, A56: The new carbon symbiotic star IPHAS J205836.43+503307.2
- [26] Contini, M., & **Angeloni, R.** 2011, AN, 16, 199: The symbiotic system AG Draco: Soft X-ray bremsstrahlung from the nebulae
- [27] Minniti, D., Clari, J. J., Saito, R. K., et al., including **Angeloni, R.** 2011, BAAA, 54, 265: The VVV Survey of the Milky Way: first year results
- [28] **Angeloni, R.**, Di Mille, F., Bland-Hawthorn, J., & Osip, D. J. 2011, BAAA, 54, 105: The giant jet from the enigmatic Sanduleak's star
- [29] **Angeloni, R.**, Contini, M., Ciroi, S., & Rafanelli, P. 2010, MNRAS, 402, 2075: The spectral energy distribution of D-type symbiotic stars: the role of dust shells
- [30] Contini, M., **Angeloni, R.**, & Rafanelli, P. 2009, AN, 330, 816: The symbiotic system CH Cygni: An analysis of the shocked nebulae at different epochs
- [31] Contini, M., **Angeloni, R.**, & Rafanelli, P. 2009, MNRAS, 396, 807: Shock fronts in the symbiotic system BI Crucis
- [32] Contini, M., **Angeloni, R.**, & Rafanelli, P. 2009, A&A, 496, 759: The symbiotic star CH Cygni. The broad Ly $\alpha$  emission line explained by shocks
- [33] **Angeloni, R.**, Contini, M., Ciroi, S., & Rafanelli, P. 2007, A&A, 472, 497: Gas and dust spectra of the D<sup>1</sup>-type symbiotic star HD 330036
- [34] **Angeloni, R.**, Contini, M., Ciroi, S., & Rafanelli, P. 2007, A&A, 471, 825: The symbiotic star H1-36. A composite model of line and continuum spectra from radio to ultraviolet

- [35] **Angeloni, R.**, Contini, M., Ciroi, S., & Rafanelli, P. 2007, AJ, 134, 205: Silicates in D-Type Symbiotic Stars: An Infrared Space Observatory Overview
- CONFERENCES
- [36] Heo, J., **Angeloni, R.**, Di Mille, F., Palma, T. & Lee, H. 2018, Terceras Jornadas de Astrofísica Estelar, 73: Raman O VI spectroscopy of accretion and bipolar outflow in Sanduleak's star
- [37] Garcés, E., Guzmán, D., Jones, D., **Angeloni, R.** & Puzia, T. 2016, SPIE, 9908, 4: Update on BOMBOLO: a 3-arm, wide-field, near-UV/optical imager for the 4-meter SOAR telescope
- [38] **Angeloni, R.**, Guzmán, D., Puzia, T. H. & Infante, L. 2014, RMxAC, 44, 206A: BOMBOLO: a Multi-Band, Wide-field, Near UV/Optical Imager for the SOAR 4m Telescope
- [39] Ferreira Lopes, C. E., Dékány, I., Catelan, M. & **Angeloni, R.** 2014, RMxAC, 44, 41F: The WFCAM Variable Star Catalog
- [40] Guzmán, D., **Angeloni, R.**, Puzia, T. et al. 2014, SPIE, 9147, 91475V: BOMBOLO: A three-arms optical imager for SOAR Observatory
- [41] Catelan, M., Minniti, D., et al., including **Angeloni, R.** 2014, IAUS, 391, 395: Stellar Variability in the VVV survey: overview and first results
- [42] **Angeloni, R.**, Di Mille, F., Lopes, C. E. & Masetti, N. 2013, IAUS, 290, 179: A systematic search for rapid photometric variability in southern symbiotic stars I. V648 Car
- [43] Catelan, M., **Angeloni, R.**, Dékány, I., et al. 2011, RMxAC, 40, 269: The VVV Templates Project Towards Automated Classification of VVV Light Curves
- [44] Saito, R. K., Minniti, D., Dékány, I., et al., including **Angeloni, R.** 2011, RMxAC, 40, 221: VISTA Variables in the Vía Láctea (VVV): first results and perspectives
- [45] Catelan, M., Minniti, D., Lucas, P. W., et al., including **Angeloni, R.** 2011, RR Lyrae Stars, Metal-Poor Stars, and the Galaxy, 145: The Vista Variables in the Vía Láctea (VVV) ESO Public Survey: Current Status and First Results
- [46] **Angeloni, R.**, Ciroi, S., Marigo, P., et al. 2009, AKARI, a Light to Illuminate the Misty Universe, 418, 427: MASYS: The AKARI Spectroscopic Survey of Symbiotic Stars in the Magellanic Clouds
- [47] **Angeloni, R.**, Contini, M., Ciroi, S., & Rafanelli, P. 2007, Asymmetrical Planetary Nebulae IV: Gas and dust spectra of the D'-type symbiotic star HD 330036
- OTHER
- [48] Saito, R. K., Minniti, D., Catelan, M. & **Angeloni, R.** 2016, ATel, #9680: The likely progenitor of Nova ASASSN-16ma
- [49] Saito, R. K., Minniti, D., Catelan, M., **Angeloni, R.** & Gutierrez, L. 2016, ATel, #9480: The progenitor of Nova ASASSN-16kd
- [50] Saito, R. K., Minniti, D., Catelan, M., **Angeloni, R.** & Gutierrez, L. 2016, ATel, #9352: Searches for the progenitor of Nova ASASSN-16ig
- [51] Saito, R. K., Minniti, D., Catelan, M., **Angeloni, R.** et al. 2016, ATel, #8602: Discovery of ten galactic Nova candidates in the VVV disk area
- [52] Di Mille, F., **Angeloni, R.**, Morrell, N. 2016, ATel, #8586: Spectroscopic follow-up of the recurrent nova LMCN 1968-12a

- [53] Alonso-Garcia, J., Minniti, D., **Angeloni, R.** et al. 2015, ATel, #7238: Infrared detection of a dwarf nova eruption in the globular cluster M22 by the VVV survey
- [54] Saito, R. K., Minniti, D., **Angeloni, R.** et al. 2015, ATel, #7124: VVV-NOV-005: the first VVV Galactic nova candidate in the disk area
- [55] Saito, R. K., Minniti, D., Dékány, I., **Angeloni, R.** & Catelan, M. 2014, ATel, #6452: Detection of the Galactic Nova Candidate OGLE-2012-NOVA-01 by the VVV Survey
- [56] Hempel, M., Minniti, D., Dékány, I. et al. including **Angeloni, R.** 2014, The Messenger, 155, 24: VISTA Variables in the Vía Láctea (VVV): Halfway Status and Results
- [57] Saito, R. K., Dékány, I., Minniti, D., Catelan, M. **Angeloni, R.** 2014, ATel, #6022: VVV-NOV-004: the innermost nova candidate in the Galactic bulge
- [58] Saito, R. K., Minniti, D., **Angeloni, R.** & Catelan, M. 2013, ATel, #4830: VVV-NOV-002: the second Galactic nova candidate discovered in the Milky Way bulge by the VVV Survey
- [59] Masetti et al., including **Angeloni, R.** 2012, ATel, #4500: Swift observation of Nova OGLE-2012-NOVA-002
- [60] **Angeloni, R.**, Wyrzykowski, L. & Koposov, S. 2012, ATel, #4487: OGLE-2012-NOVA-002: UBVRi follow up at the Swope 1m Telescope
- [61] Saito, R. K., Minniti, D., **Angeloni, R.** & Catelan, M. 2012, ATel, #4426: VVV-NOV-001: the first Galactic nova candidate discovered by the VVV Survey in the Milky Way bulge
- [62] Han, J.H., Sohn, J., Jeon, J.B., Sung, H.I., **Angeloni, R.**, de Grijs, R. 2011, Bulletin of the Korean Astronomical Society, 36, 149: Infrared light curve of BL Cam using KASINICS
- [63] Pichara, K., **Angeloni, R.** & Eyheramendy, S. 2011, Bits de Ciencia de la Computación – Universidad de Chile, 6, 2: Análisis Automática de Datos Astronómicos
- [64] **Angeloni, R.**, Helminiak, K., Vanzi, L., Di Mille, F., & Fugazza, D. 2011, IAU Circular, 9205, 4: T Pyxidis
- [65] Saito, R. K., Hempel, M., Alonso-García, J., et al., including **Angeloni, R.** 2010, The Messenger, 141, 24: VISTA Variables in the Vía Láctea (VVV): Current Status and First Results



TEACHING  
EXPERIENCE

**Universidad de La Serena, La Serena, Chile**

- Courses for the ULS PhD Program in Astrophysics

Lecturer

**2017 - present**

- "Stellar Astrophysics"
- "Observational Astronomy" (Associate Lecturer)
- "Introduction to the Philosophy of Science and Physics"
- "History of Astronomy"

- Courses for the ULS Bachelor Program in Astronomy

Lecturer

**2017 - present**

- "Stellar Astrophysics"

**Universidad Nacional de Córdoba, Córdoba, Argentina**

- Observatorio Astronómico de Córdoba

Invited Lecturer

**March 6-11, 2017**

- Monographic Course on "Stellar Variability"

**Pontificia Universidad Católica, Santiago, Chile**

- Faculty of Physics

Lecturer

**March 2013 to August 2014**

- Course on "History of Astronomy"

- Department of Astronomy and Astrophysics

Teaching Assistant

**March 2012 to August 2014**

- Classes for the Under-Grad Course on "General Astronomy", FIA0111-2, held by Prof. F. Bauer
- Classes for the Post-Grad Course on "Variable Stars", FIA3011, FIM9508, held by Prof. M. Catelan

OBSERVING  
EXPERIENCE  
(AS PRINCIPAL  
INVESTIGATOR ‡)

**Visitor Mode:** Telescope / Instrument(s)

- ‡ Asiago Astrophysical Observatory, Italy
  - 67/92 Schmidt Telescope / CCD
  - Galileo 1.2m Telescope / B&C Spectrograph
  - Copernico 1.8 Telescope / AFOSC, Echelle Spectrograph
  
- ‡ Cerro Pachon Observatory, Chile
  - SOAR 4m Telescope / SPARTAN
  
- CTIO Cerro Tololo Inter American Observatory, Chile
  - Blanco 4m Telescope / MOSAIC, NEWFIRM
  
- ‡ ESO La Silla Observatory, Chile
  - 1.54m Danish Telescope / CCD
  - 2.2m MPG Telescope / WFI, FEROS, GROND – support astronomer
  
- ‡ GEMINI Observatory, Chile
  - Gemini South 8m Telescope / GMOS, GSAOI, F2 – support astronomer
  
- ‡ Las Campanas Observatory, Chile
  - Swope 1m Telescope / CCD
  - Du Pont 2.5m Telescope / B&C Spectrograph, Echelle Spectrograph
  - Magellan Baade 6.5m Telescope / IMACS
  
- ‡ PUC Santa Martina Observatory, Chile
  - ESO 50cm Telescope / PUCHEROS Spectrograph

**Service Mode:** Telescope / Instrument(s)

- ‡ APEX, Atacama Pathfinder Experiment, Chile
  - APEX / LABOCA, SABOCA, SHeFI
  
- Bohyunsan Optical Astronomy Observatory, Korea
  - 1.8m Telescope / KASINICS
  
- Calar Alto Astronomical Observatory, Spain
  - 2.2m Telescope / MAGIC
  
- ‡ CTIO Cerro Tololo Inter American Observatory, Chile
  - SMARTS 1.3m Telescope / ANDICAM
  - SMARTS 1.5m Telescope / CHIRON
  
- ‡ ESO La Silla Observatory, Chile
  - REM 0.6m Telescope / ROSS, REMIR
  
- ‡ ESO Paranal Observatory, Chile
  - VISTA 4m Telescope / VIRCAM
  - VLT UT2 8m Telescope / XSHOOTER

- ‡ IAC Instituto de Astrofísica de Canarias, Observatorio del Teide, Spain
  - Carlos Sánchez 1.5m Telescope / CAIN-III
- IAO Indian Astronomical Observatory, India
  - Hanle 2m Telescope / Near-IR Imager
- ‡ Las Campanas Observatory, Chile
  - Magellan Clay 6.5m Telescope / MagIC
- ‡ NANTEN Submillimeter Observatory, Pampa la Bola, Chile
  - NANTEN / NANTEN2
- ‡ Observatorio Astrofísico Guillermo Haro, Mexico
  - 2.12m Telescope / CANICA
- OMM Observatoire Astronomique du Mont Mégantic, Canada
  - 1.6m Telescope / CPAPIR
- ‡ SAAO South Africa Astronomical Observatory, South Africa
  - 0.75m Telescope / MkII Photometer
  - IRSF 1.4m Telescope / SIRIUS
- ‡ The University of Tokyo Atacama Observatory Project, Cerro Chajnantor, Chile
  - MiniTAO 1m Telescope / ANIR

**Space-based Observatories:** Telescope / Instrument(s)

- ‡ HST Hubble Space Telescope / WFC3-UVIS
- ‡ AKARI Infrared Imaging Surveyor / IRC
- FUSE Far Ultraviolet Spectroscopic Explorer / FUVS
- ISO Infrared Space Observatory / SWS

CONFERENCES & 2018  
WORKSHOPS  
(SELECTED,  
ONLY FROM 2013)

- La Plata, Argentina, 17-19 December
  - Topic: Workshop Observatorio Gemini Argentina: Actualidad y Prospección
  - **Invited Talk:** RAMan Search for Extragalactic Symbiotic Stars
- Wien, Austria, 20-31 August
  - Topic: XXXth General Assembly of the International Astronomical Union
  - **Contributed Poster:** RAMSES II

2017

- Lima, Perú, 19-26 November
  - Topic: Annual Meeting of the Sociedad Interamericana de Astronomia en la Cultura
  - **Contributed Poster:** Orientaciones Astronómicas en el Centro Histórico de La Serena – by Angeloni, R., Moyano, R. & Ruano, N.
- Yeosu, South Korea, 12-13 October
  - Topic: Korean Astronomical Society Fall Meeting
  - **Invited talk:** Title: Photometric Variability of Symbiotic Stars at All Time Scales - Magellanic Cloud Systems

2016

- Cartagena de Indias, Colombia, 3-7 October
  - Topic: XV Latin-American Regional IAU Meeting
  - **Contributed Talk:** Update on BOMBOLO: a 3-arm, wide-field, near-UV/optical imager for the 4-meter SOAR telescope
- Antofagasta, Chile, 1-4 March
  - Topic: XIII SOCHIAS Annual Meeting
  - **Contributed Talk:** Sanduleak's star in the LMC: an update
  - **Contributed Poster:** The BOMBOLO Instrument: second year update

2015

- Seoul, South Korea, 23 December
  - Department of Astronomy, Sejong University
  - **Invited Talk:** The giant jet in the candidate symbiotic Sanduleak's star
- Daejeon, South Korea, 21 December
  - Korea Astronomy and Space Science Institute - KASI
  - **Invited Talk:** BOMBOLO: a Chilean multi-band imager for fast, simultaneous photometry
- Hong-Kong, China, 14-17 December
  - Topic: 11th Pacific Rim Conference on Stellar Astrophysics
  - **Contributed Talk:** Sanduleak's star in the LMC: an update
- Santiago, Chile, 27-30 Abril
  - Topic: Agora Celula Madre: Seminarios Interdisciplinarios de Filosofía - PUC
  - **Invited Talk:** Preludio (filosófico) y variaciones (pindáricas) sobre unos temas de ciencia antigua
- Puerto Varas, Chile, 12-15 March
  - Topic: XII SOCHIAS Annual Meeting
  - **Invited Talk:** The BOMBOLO Instrument

**2014**

- Heidelberg Center for Latin America, Santiago, Chile, 17-28 Nov
  - Topic: Santander International Summer School: “Reaching the Limits of the Sky” - Astronomical Instrumentation in the 21st Century
  - **Invited Talk:** The BOMBOLO Instrument
- Facultades de Filosofía y de Física, Pontificia Universidad Católica de Chile, Santiago, Chile, 28 May
  - Topic: Seminarios de Filosofía, Física y Astrofísica
  - **Invited Talk**, with P. Acuña: Relatividad Especial y Mecánica Cuántica (no-relativista): coexistencia pacífica o tregua armada
- X Encuentro con Gauss, Pontificia Universidad Católica de Chile, Santiago, Chile, 3 April
  - Topic: Celebración del Día de la Biblioteca Gauss
  - **Invited Talk:** Hiparco de Nicea y la ciencia (perdida) de su tiempo

**2013**

- XIV Latin-American Regional IAU Meeting, Florianopolis, Brasil, 25-30 December
  - Topic: LARIM 2013
  - **Talk:** BOMBOLO: a Multi-Band, Wide-field, Near UV/Optical Imager for the SOAR 4m Telescope
- Jornada de Humanidades: organizado por la Universidad de Santiago de Chile (USACH), Santiago, Chile, 17-19 June
  - Topic: El Mundo Clásico y su Trascendencia en la Actualidad
  - **Invited Talk:** The historical evolution of the ideas about the shape of the Earth
- VISTA VVV Meeting, Viña del Mar, Chile, 21-23 March
  - Topic: 4rd VISTA Variable in Vía Láctea Science Meeting

OUTREACH  
ACTIVITIES

**Universidad de La Serena, La Serena, Chile**

Project creator and main organizer of AstroSerena

**2017 to present**

- AstroSerena: a series of public, astronomical talks  
<http://astroserena.weebly.com/>

**AURA – Gemini Observatory, La Serena, Chile**

General outreach activity representing the Observatory

**2014 to present**

- Viaje al Universo
- Invited public talks

**Universidad de Santiago de Chile – USACH, Santiago, Chile**

USACH Planetario mod. ZEISS-VI

**2012 to present**

- Día Nacional de la Astronomía
- Spherical astronomy classes for undergrad students
- Invited public talks

**Pontificia Universidad Católica de Chile, Santiago, Chile**

PUC Planetario Móvil

**2010 to 2014**

- Outreach activities in numerous primary and high-schools of Santiago Districts  
<http://www.astro.puc.cl:8080/astropuc/news/mas-de-200-escolares-de-diversas-comunas-visitaron>

**St. John's Planetarium Project, Amelia, Italy**

Project for building a 10m-dome digital planetarium

**2008 to present**

- Project Scientist (link in Italian)  
<http://www.rodolfoangeloni.net/the-amelia-planetarium-project.html>

**“Padre B. Santini” Planetarium, Amelia, Italy**

“Gambato” 6m-dome opto-mechanical planetarium

**1997 to 2012**

- Director (link in Italian)  
<http://planetariodiamelia.weebly.com/index.html>

**“Stars and Planets beneath the Roman Sky”, Rome, Italy**

Popular astronomical events, “Piazza del Popolo” square

**1997 to 2003**

- Speaker at the Urania Planetarium (link in Italian)  
<http://diamante.uniroma3.it/hipparcos/pincioastronomia.htm>

**Italian Association of Planetariums, Lumezzane, Italy**

Training course for planetarium speakers

**1999 to 2002**

- Regular participant (link in Italian)  
<http://www.planetari.org/it/>