

CONTACT INFORMATION	Institute of Astrophysics Pontificia Universidad Catolica de Chile 4860 Avenida Vicuña Mackenna 7820436, Macul Santiago, Chile Phone: +56-2-2354-7476 E-mail: msimunov@astro.puc.cl
PERSONAL INFO	Chilean, born in Antofagasta on Feb. 27th 1986.
RESEARCH INTERESTS	I am interested in galaxy formation along with the chemical and dynamical evolution of its constituent stellar populations. The bigger part of my research has been dedicated to the properties of Milky Way's stellar systems, especially the understanding of the blue straggler stars population in galactic globular clusters.
EDUCATION	Pontificia Universidad Católica de Chile, Chile Doctorate in Astrophysics, 2011 - early 2016. • Thesis Title: <i>Blue Straggler Star Populations in Galactic Stellar Systems.</i> • Advisor: Professor Thomas H. Puzia Heidelberg University, Germany Cotutelle Doctoral Research, June 2013 - June 214. • 12 month research stay at Heidelberg University sponsored by the DAAD. • Advisor: Professor Eva K. Grebel • I was awarded with the double-degree PUC-Heidelberg scholarship, which allowed me to conduct research at both universities and obtain both degrees. Pontificia Universidad Católica de Chile, Chile Licentiate in Astronomy, Graduated in January 2011 • Thesis Title: <i>A study of the VVV color magnitude diagram of globular cluster Palomar 6</i> • Advisor: Professor Andrés Jordán • Grade: <i>Maximum Distinction</i>
ACADEMIC APPOINTMENTS	Lecturer2nd Semester 2014 Course: General Astronomy Senior Adult Program, Centro Extension, Pontificia Universidad Catolica -Weekly lectures on general topics: Solar System. Planet Formation. Astronomical Distances. Cosmology. Lecturer2nd Semester 2012 Course: General Astronomy Senior Adult Program, Centro Extension, Pontificia Universidad Catolica -Weekly lectures on general topics: Solar System. Planet Formation. Astronomical Distances. Cosmology. Technical Assistant, Astronomical Observatory2011 - 2012 Santa Martina Astronomical Observatory, Pontificia Universidad Catolica - I was in charge of operating 0.4m and 0.5m telescopes mostly for academic activities.

	Teaching Assistant Course: General Physics Department of Astronomy and Astrophysics, Pontificia Universidad Catolica	1st Semester 2010
	Teaching Assistant Course: Electricity and Magnetism Department of Astronomy and Astrophysics, Pontificia Universidad Catolica	1st Semester 2010
OUTREACH ACTIVITIES	Astronomical Observation Tours Andean Astronomical Observatory, Chile - Observation tours for large groups of tourists (English and Spanish). - Educational presentations on Astronomy (English and Spanish). - I was in charge of managing the entire astronomy tour guide staff.	May 2011 - June 2013
	Speaker in Astronomy Expo Exposition: "Fiesta de las Extrellas" EXPLORA Outreach Program, CONICYT	October 2009
CONFERENCE CONTRIBUTIONS	Contributed Talk: <i>"Characterizing Blue Straggler Star Populations in Globular Clusters using HST Photometric Survey Data"</i> , - FM7 IAU XXIX General Assembly, Honolulu, Hawaii, 2015 Contributed Talk: <i>"Characterizing Blue Straggler Star Populations in Globular Clusters using HST Photometric Survey Data"</i> , - SOCHIAS XII Annual Meeting, Puerto Varas, Chile, 2015 Contributed Talk: <i>"The Blue Straggler Star Population in NGC 1261: Evidence for a Post Core-Collapse Bounce State"</i> , - VI ADeLA Meeting, Universidad de Chile, Chile, 2014 Contributed Talk: <i>"The Blue Straggler Star Population in NGC 1261: Evidence for a Triple Sequence and Implications for the Dynamical History of the Cluster"</i> , - MODEST14 Meeting, Bad Honnef, Germany, 2014 Contributed Talk: <i>"Dynamical Properties of Blue Straggler Stars in Galactic Globular Clusters: NGC3201, Omega Cen and NGC6218"</i> , - XIV Latin American Regional IAU Meeting, Florianopolis, Brazil, 2013 Poster: <i>"Properties of Blue Straggler Stars in Globular Clusters from HST Photometric Survey Data and High-Resolution Spectroscopy"</i> , - MODEST15 Meeting, Universidad de Concepcion, Chile, 2015 Poster: <i>"Dynamical Properties of Blue Straggler Stars in Galactic Globular Clusters: NGC3201, Omega Cen and NGC6218"</i> , - 7th HGSFP Winterschool 2014, University Center Obergurgl, Austria, 2014 Poster: <i>"Dynamical Characterization of Blue Straggler Stars in Galactic Globular Clusters"</i> , - ESO Conference: Ecology of Blue Stragglers, ESO Santiago, Chile, 2012. Poster: <i>"The VVV color magnitude diagram of globular cluster Palomar 6"</i> , - VVV Survey Science Meeting, Viña del Mar, Chile, 2011	

OBSERVING
EXPERIENCE

- ESO VLT, Program ID: 096.D-0483(A), Period: 2016A ,
PI: **M. Simunovic**, 14h in service mode
- Multi-object Spectroscopy with FLAMES/GIRAFFE
- Las Campanas Observatory Baade Magellan Telescope, Period 2014A,
PI: **M. Simunovic**, 1 night in visitor mode
- Multi-object Spectroscopy with IMACS.
- ESO VLT, Program ID: 093.D-0868(A), Period: 2014A ,
PI: **M. Simunovic**, 18h in service mode
- Multi-object Spectroscopy with FLAMES/GIRAFFE
- ESO VLT, Program ID: 092.D-0477(A), Period: 2013B ,
PI: **M. Simunovic**, 3 nights in visitor mode
- Multi-object Spectroscopy with FLAMES/GIRAFFE
- Las Campanas Observatory Baade Magellan Telescope, Period 2013B,
PI: **M. Simunovic**, 1 night in visitor mode
- Multi-object Spectroscopy with IMACS.
- ESO VLT, Program ID: 090.D-0487(A), Period: 2012B ,
PI: **M. Simunovic**, 28.5hr in service mode
- Multi-object Spectroscopy with FLAMES/GIRAFFE
- Las Campanas Observatory Baade Magellan Telescope, Period: 2012B,
PI: F. Barrientos, 1 night in visitor mode
- NUV and Optical Imaging with IMACS.
- SOAR Telescope, Period: 2012B,
PI: T. Anguita, 2 nights in remote mode
- NUV and Optical Imaging with SOI.
- Las Campanas Observatory Baade Magellan Telescope, Period 2012A,
PI: **M. Simunovic**, 1 night in visitor mode
- Multi-object Spectroscopy with IMACS.
- SOAR, Period: 2011B,
PI: T. Anguita, 2 nights in visitor mode
- NUV and Optical Imaging with SOI.
- Las Campanas Observatory Clay Magellan Telescope, Period: 2010B,
PI: L. Vanzi, 1 night in visitor mode
- NIR Multi-object Spectroscopy with MMIRS.

PUBLICATIONS

- *"Blue Straggler Star Populations in Globular Clusters. II. Proper Motion Cleaned HST Catalogs."*
Mirko Simunovic, et al., 2015, *in preparation*.
- *"Characterizing Blue Straggler Star Populations in Globular Clusters using HST Photometric Survey Data"*
Mirko Simunovic & Thomas H. Puzia, 2015, Proceedings of the IAU XXIX General Assembly, Hawaii, 2015, arXiv:1510.00662
- *"The Blue Straggler Star Population in NGC 1261: Evidence for a Post-core-collapse Bounce State"*
Mirko Simunovic, Thomas H. Puzia & Alison Sills, 2014, *ApJ*, 795L, 10
- *"Blue Straggler Star Populations in Globular Clusters. I. Dynamical Properties of Blue Straggler Stars in NGC 3201, NGC 6218, and ω Centauri"*
Mirko Simunovic & Thomas H. Puzia, 2014, *ApJ*, 782, 49
- *"Dynamical Properties of Blue Straggler Stars in Galactic Globular Clusters: NGC3201, ω Cen and NGC6218"*
Mirko Simunovic & Thomas H. Puzia, 2014, *RMxAC*, 44, 57S

OTHERS

Language Skills:

- Spanish (native), English (advanced), German (intermediate).

Programming Experience:

- Python, Fortran, C, Java, R, IDL