

## CURRICULUM VITAE

Dr. Milan Gošić

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### Education

- 2015 PhD in Solar Physics (title: The Solar Internetwork; mention: cum laude), University of Granada (CSIC JAE-PRE scholarship), Spain, advisor: Luis Bellot Rubio from the Instituto de Astrofísica de Andalucía
- 2012 MSc in Methods and Advanced Techniques in Physics, University of Granada, Spain
- 2009 Physics Degree, specialty Astrophysics, Department of Astronomy at the Faculty of Mathematics, Belgrade University, Serbia

### Work experience

- 2024-Now Research Scientist at the SETI Institute and Lockheed Martin Solar & Astrophysics Lab (LMSAL), USA
- 2016-2024 Research Scientist at the Bay Area Environmental Research Institute (BAERI) and LMSAL, USA

### Participation in scientific seminars and conferences

1. Symposium on the Physics of Ionized Gases, Kopaonik, Serbia, August 2006, poster presentation
2. 3<sup>a</sup> Reunión Española de Física Solar y Heliosférica, Granada, Spain, June 2011, local organizing committee
3. 2<sup>nd</sup> International workshop on small scale solar and stellar magnetic fields, Bairisch Kölldorf, Austria, April 2012, oral presentation
4. X Reunión Científica de la Sociedad Española de Astronomía, Valencia, Spain, July 2012, oral presentation
5. 39<sup>th</sup> COSPAR Scientific Assembly, Mysore, India, July 2012, oral presentation
6. 40<sup>th</sup> COSPAR Scientific Assembly, Moscow, Russia, August 2014, oral presentation
7. XI Reunión Científica de la Sociedad Española de Astronomía, Teruel, Spain, September 2014, oral presentation
8. Seventh Solar Information Processing Workshop, Belgium, September 2014, poster and oral presentation
9. 3<sup>rd</sup> SOLARNET Workshop "Polarization in the Sun, the Solar System, and Beyond", Granada, Spain, May 2015, local organizing committee, oral presentation
10. 47<sup>th</sup> Solar Physics Division (SPD) meeting, Boulder, CO, USA, May-June 2016, oral presentation
11. IRIS-6: The chromosphere, Stockholm, Sweden, June 2016, poster presentation
12. 7<sup>th</sup> Solar Orbiter Workshop: Exploring the solar environs, Granada, Spain, April 2017, oral presentation
13. Joint Hinode-11/IRIS-8 science meeting, Seattle, WA, USA, May-June 2017, oral presentation
14. 48<sup>th</sup> Solar Physics Division (SPD) meeting, Portland, OR, USA, August 2017, oral presentation
15. AGU Fall Meeting, New Orleans, LA, USA, December 2017, oral presentation
16. ISSI workshop, "Studying magnetic-field-regulated heating in the solar chromosphere", Bern, Switzerland, April 2018.
17. TESS 2018 meeting, Leesburg, VA, USA, May 2018, oral presentation
18. IRIS-9 workshop, Göttingen, Germany, June 2018, oral presentation
19. 42<sup>nd</sup> COSPAR Scientific Assembly, Pasadena, CA, USA, July 2018, oral presentation
20. Hinode-12 meeting, Granada, Spain, September 2018, invited talk (Metcalf Lecturer)

21. 4<sup>th</sup> Meeting of the American Astronomical Society, St. Louis, MO, USA, June 2019, oral presentation
22. 27th IUGG General Assembly, the IAGA session "Advances and Upcoming Developments in Solar and Heliospheric Physics, Montreal, Canada, July 2019, invited talk
23. Hinode-13/IPELS, Tokyo, Japan, September 2019, oral presentation
24. IRIS-10 workshop, Bangalore, India, November 2019, invited talk
25. ISSI workshop, "Studying magnetic-field-regulated heating in the solar chromosphere", Bern, Switzerland, November 2019.
26. 2<sup>nd</sup> NCSP DKIST Data-training workshop, "Preparing for DKIST: Image processing and time series", Northridge, CA, USA, January 2020, lecture on Feature Recognition and tracking Techniques.
27. AGU Fall Meeting, Online Everywhere, December 2020, virtual poster
28. NSO virtual seminar, March 2021, invited talk about Quiet Sun magnetic activity and its role in the chromospheric heating.
29. SO/PHI science preparation meeting, Göttingen, virtual and in person, Germany, September 2021
30. Hinode-14/IRIS-11 Joint Science meeting, virtual, October 2021, poster presentation
31. 44<sup>th</sup> COSPAR Scientific Assembly, Athens, Greece, July 2022, two oral presentations
32. Hinode-15/IRIS-12 Joint Science meeting, Prague, Czech Republic, September 2022, two oral presentations
33. COFFIES (Stanford) virtual seminar, February 2024, invited talk about Spatiotemporal evolution of the quiet Sun magnetic fields and their role in the chromospheric heating.
34. SOLAR-C hybrid science meeting, Zoom and on-site in Nagoya, Japan, March 2024, virtual, invited talk.
35. Hinode-17/IRIS-15/SPHERE-3, Joint Science meeting, Bozeman, MT, USA, July 2024, poster presentation
36. SHINE workshop, Juneau, AK, USA, August 2024, invited talk

### Publications

1. Gošić, M., De Pontieu, B., Sainz Dalda, A. 2024, ApJ, 964, 175
2. Gošić, M., Bellot Rubio, L., Cheung, M. C. M., del Toro Iniesta, J. C., Orozco Suárez, D., Katsukawa, Y. 2022, ApJ, 925, 188
3. Gošić, M., De Pontieu, B., Bellot Rubio, L., Sainz Dalda, A., Esteban Pozuelo, S. 2021, ApJ, 911, 41
4. Gošić, M., de la Cruz Rodríguez, J., De Pontieu, B., Bellot Rubio, L., et al. 2018, ApJ, 857, 48
5. Gošić, M., Bellot Rubio, L., del Toro Iniesta, J. C., Orozco Suárez, D., Katsukawa, Y. 2016, ApJ, 820, 35
6. Gošić, M., Bellot Rubio, L., Orozco Suárez, D., Katsukawa, Y., del Toro Iniesta, J. C. 2014, ApJ, 797, 49
7. Chian, A. C.-L., Rempel, E. L., Rubio, L. B., Gošić, M., 2024, MNRAS, 535, 2436
8. Sainz Dalda, A., Agrawal, A., De Pontieu, B., Gošić, M. 2024, ApJS, 271, 24S
9. Rempel, E. L., Chian, A. C.-L., de S. A. Silva, S., Fedun, V., Verth, G., Miranda, R. A., Gošić, M. 2023, Rev. Mod. Plasma Phys. 7, 32
10. Chian, A. C.-L., Rempel, E. L., Silva, S. S. A., Bellot Rubio, L. R., Gošić, M. 2023, MNRAS, 518, 4930
11. Hansteen, V. H., Martínez-Sykora, J., Carlsson, M., De Pontieu, B., Gošić, M., et al. 2023, ApJ, 944, 131
12. Martínez-Sykora, J., de la Cruz Rodríguez, J., Gošić, M., Sainz Dalda, A., et al. 2023, ApJL, 943, L14
13. Rouppe van der Voort, L., De Pontieu, B., Carlsson, M., de la Cruz Rodríguez, J., Bose, S., Chintzoglou, G., Drews, A., Froment, C., Gošić, M., et al. 2020, A&A, 641, 146

14. Chian, A. C. -L., Silva, S. S. A., Rempel, E. L., Bellot Rubio, L. R., Gošić, M., Kusano, K., Park, S.-H. 2020, Phys. Rev. E, 102, 060201
15. Martínez-Sykora, J., Hansteen, V. H., Gudiksen, B., Carlsson, M., De Pontieu, B., Gošić, M. 2019, ApJ, 878, 40
16. Sainz Dalda, A., de la Cruz Rodríguez, J., De Pontieu, B., Gošić, M. 2019, ApJL, 875, L18
17. Chian, A. C. -L., Silva, S. S. A., Rempel, E. L., Gošić, M., Bellot Rubio, L. R., Kusano, K., Miranda, R. A., Requerey, I. S. 2019, MNRAS, 488, 3076
18. Agrawal, P., Rast, M. P., Gošić, M., Bellot Rubio, L., & Rempel, M. 2018, ApJ, 854, 118
19. Requerey, I. S., Ruiz Cobo, B., Gošić, M., Bellot Rubio, L. 2018, A&A, 610, 84
20. Giannattasio, F., Berrilli, F., Consolini, G., Del Moro, D., Gošić, M., & Bellot Rubio, L. 2018, A&A, 611, 56
21. Polito, V., Testa, P., Allred, J., De Pontieu, B., Carlsson, M., Pereira, T., Gošić, M., & Reale, F. 2018, ApJ, 856, 178
22. Aschwanden, M. J., Gošić, M., Hurlburt, N. E., & Scullion, E. 2018, ApJ, 866, 73
23. Del Moro, D., Giannattasio, F., Berrilli, F., Consolini, G., Lepreti, F., Gošić, M. 2015, A&A, 576, A47
24. Giannattasio, F., Berrilli, F., Biferale, L., Del Moro, D., Sbragaglia, M., Bellot Rubio, L., Gošić, M., Orozco Suárez, D. 2014, A&A, 569, 121
25. Giannattasio, F., Del Moro, D., Berrilli, F., Bellot Rubio, L., Gošić, M., Orozco Suárez, D. 2013, ApJ, 770, L36
26. Vitas, N., Vince, I., Lugaro, M., Andriyenko, O., Gošić, M., Rutten, R. J. 2008, MNRAS, 384, 370
27. Vince, I., Kos, P., Latković, O., Martinović, N., Gošić, M., Stojadinović, J. 2006, Serb. Astron. J., 173, 101

#### Stays in other scientific centers

LMSAL, Palo Alto, United States, April 02 – July 02, 2013

LMSAL, Palo Alto, United States, January 15 – February 27, 2015

The Institute for Solar Physics, AlbaNova University Center, Stockholm, Sweden, August 20 – September 4, 2016

#### Language skills

English (fluent)

Spanish (fluent)

Serbian (native)

#### Other relevant information

1. Public lectures and teaching experience at Petnica Science Center, giving lectures and exercises to secondary school students, (<http://pi.petnica.rs/>), June 2004 to May 2009.
2. Popular article in the magazine Vasiona (The Cosmos), Coronal heating, vol. 3, 108-111, 2007
3. Public lecture, Close binary systems, Public Observatory Belgrade, Serbia, June 2007
4. Public lecture, Nova and supernova stars, I Belgrade secondary school, Serbia, June 2007
5. Utrecht-Stockholm-Oslo "Solar Magnetism" Summer School, June 28 - July 4, 2009, Dwingeloo, the Netherlands
6. Second Practical School on Spectroscopy, 5-12 October, 2009, BNAO – Rozhen, Bulgaria
7. "Physics of Stars" Summer School, 17-29 July, 2011, Turunç, Marmaris, Turkey
8. laSexta, the sixth nationwide broadcast television station in Spain published an article about the results reported in Gošić et al. (2014). [http://www.lasexta.com/tecnologia-tecnoplora/sinc/hallan-el-origen-de-la-red-magnetica-que-cubre-la-superficie-del-sol\\_2015021957fcb5a0cf2fd8cc6b11092.html](http://www.lasexta.com/tecnologia-tecnoplora/sinc/hallan-el-origen-de-la-red-magnetica-que-cubre-la-superficie-del-sol_2015021957fcb5a0cf2fd8cc6b11092.html)
9. 3<sup>rd</sup> SOLARNET School "Solar Magnetic Fields: Modeling and Measuring Techniques", 18-23 May, Granada, Spain, 2015

10. Evaluation and selection of high school students to do scientific projects in collaboration with scientists from LMSAL, April 2017, Palo Alto, CA, USA
11. Gošić et al. (2018) has been selected as a highlight in the AAS Nova.  
<https://aasnova.org/2018/04/23/heating-the-chromosphere-in-the-quiet-sun/>
12. The recipient of the Thomas Metcalf Travel Award, 6 July 2018