SONJA PANJKOV

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Employment

Executive Officer Logistics Systems, *Department of Defence* 2021
Executive Officer Ionising Radiation, *Department of Defence* 2019 – 2020

Education

Ph.D., Physics, *University of Melbourne* 2021 –
B.Sc. (Hons), Physics and Mathematics, *Australian National University* 2019
B.A., English Literature and French, *Australian National University* 2018

Recognitions

Best 2nd Year GOSS Seminar 2023
Dr Alan Kenneth Head PhD International Research Award (*University of Melbourne)* 2023
Laby Antarctic Explorer Program (*University of Melbourne)* 2023
Jean Laby PhD Travelling Scholarship (*University of Melbourne)* 2022
2nd place student poster (*Astronomical Society of Australia Annual Science Meeting)* 2021
2nd Place Thesis Haiku Competition (*University of Melbourne Faculty of Science*) 2021
Research Training Program Scholarship (*University of Melbourne, Australian Government)* 2021 –
Melbourne Research Scholarship (*University of Melbourne)* 2021
National Merit Scholarship (*Australian National University*) 2014 – 2019
Australian Student Prize (*Australian Government)* 2013
Sophia Beanland Prize for French (*Brisbane Girls Grammar School)* 2013

Peer-Reviewed Publications

1. Panjkov, S. et al., (2025, *in prep.*). Morphological Insights into the Progenitors of the Small Magellanic Cloud Supernova Remnants.
2. Panjkov, S. et al., (2025, *in prep.*). The Core-Collapse Progenitor Mass Distribution of the Large Magellanic Cloud.
3. Panjkov, S. et al., (2023). Probing the Soft X-ray Properties and Multi-wavelength Variability of SN2023ixf. *Submitted to the Publications of the Astronomical Society of Australia.* https://arxiv.org/abs/2308.13101
4. Wallner, A. et al., including **Panjkov, S** (2020). ^{60}Fe deposition during the late Pleistocene and the Holocene echoes past supernova activity. *Proceedings of the National Academy of Sciences, 117(36)*. doi: 10.1073/pnas.1916769117

Scientific Presentations, Colloquia and Seminars

Invited Talks:
The Carnegie Observatories, Lunchtime Seminar Series, Pasadena, California, USA 2023
iTelescope Webinar Series 2023
University of Melbourne, Astrophysics Seminar, Melbourne, Australia 2022
University of Melbourne, Physics Students Society Seminar Series, Melbourne, Australia 2022
University of Melbourne, Astrophysics Seminar, Melbourne, Australia 2022
University of Melbourne, Astrophysics Seminar, Melbourne, Australia 2021

Contributed Talks:
Supernova 2022 Conference, Melbourne, Australia 2022
Astronomical Society of Australia, Annual Science Meeting, Hobart, Australia 2022
Mt Stromlo Student Seminars, Canberra, Australia 2021

Posters:
Supernova Remnants III, Chania, Greece 2024
Ozgrav Annual Retreat, Melbourne, Australia 2022
Astronomical Society of Australia Annual Science Meeting, Melbourne, Australia 2022
Astro3D Annual Retreat, Leura, Australia 2021
Ozgrav Annual Retreat, Melbourne, Australia 2021

Astronomical Society of Australia Annual Science Meeting, Melbourne, Australia 2021

Service Experience

Editorial and Scheduling Committee Member, *Astrobites*	2025
Writer, *Astrobites*	2023 –2025
Work Experience Volunteer (Astrophysics), *University of Melbourne*	2022 – 2023
Astrophysics Group Meeting Organiser, *University of Melbourne*	2022 – 2023
Member of the Diversity, Equity and Inclusion Journal Club, *University of Melbourne*	2021 – 2023
Work Experience Supervisor (Astrophysics), *University of Melbourne*	2021

Teaching Experience

Tutor, Physics 2 (PHYC10004), *University of Melbourne*	2022 – 2025
Tutor, Foundations of Physics (PHYC10009), *University of Melbourne*	2022 – 2025
Lab Demonstrator, From the Solar System to the Cosmos (PHYC10008c), *University of Melbourne.*	2021 – 2022
Online Teaching Assistant, From the Solar System to the Cosmos (PHYC10008c), *University of Melbourne*	2021

References

Please contact me via email for references.