

NADEJDA BLAGORODNOVA

Research positions

- 2018 – now **VENI Postdoctoral fellow**
Radboud University, Nijmegen, The Netherlands
Jul. 2021 – Nov. 2022 Parental leave
Nov. 2018 – Apr. 2019 Parental leave
- 2015 – 2018 **Postdoctoral scholar**
California Institute of Technology, Pasadena, CA, USA
- 2012 – 2015 **Ph.D., student in Astrophysics**
Institute of Astronomy, Cambridge, UK

Industry positions

- 2009 – 2012 **Scientific Software Test Manager for the Gaia ESA mission**
Faculty of Physics and Chemistry, Barcelona, Spain
- 2007 – 2009 **Consultant in information technologies**
Synergic Partners, S.L., Barcelona, Spain

Education

- 2012 – 2015 **Ph.D., Astrophysics**
Institute of Astronomy, Cambridge, UK
Thesis: *Characterizing the Gaia Transient Sky*
Supervisor: Dr. Nicholas A. Walton
- 2009 – 2011 **M.S., Astrophysics, particle physics and cosmology**
Faculty of Physics and Chemistry, Barcelona, Spain
- 2008 **M.S. in Information Technologies**
Barcelona School of Informatics, Barcelona, Spain
- 2003 – 2008 **B.A., Computer Science**
Barcelona School of Informatics, Barcelona, Spain

Prize Fellowships and awards

- 2021 **Maria Zambrano Fellowship** (declined)
- 2018 **Innovational Research Incentives Scheme VENI fellowship**
- 2015 **Finnish Centre for Astronomy (FINCA) fellowship** (declined)
- 2015 European Science Foundation grants for exchange visits
- 2012 **Marie Curie Early Stage Researcher fellowship**
Gaia Research for European Astronomy Training – Initial Training Network (GREAT ITN)
- 2001 National Chemistry Olympiad, Gijon, Spain - silver tier

Selected talks - conferences and workshops

- Jul 2021 Talk: EAS virtual meeting, Leiden, Netherlands
- May 2020 Talk: NAC (Nederlandse Astronomenconferentie) virtual meeting, Leiden, Netherlands
- Jul. 2020 Talk: EAS virtual meeting, Leiden, Netherlands
- Oct. 2019 Invited talk: Royal Astronomical Society, London, UK
- Sep. 2019 Talk: ESO workshop “The extragalactic explosive Universe”, Garching, Germany
- Jun 2019 Talk: European Week of Astronomy and Space Science, Lyon, France
- May 2019 Talk: NAC (Nederlandse Astronomenconferentie), Groningen, The Netherlands
- Feb. 2019 Invited Talk: Cosmic Beacons workshop, Sexten, Italy
- Sep. 2018 Invited Talk: Caltech-Swinburne data science workshop, Pasadena, USA
- Sep. 2018 Talk: Keck Science Meeting, Pasadena, USA
- Jul. 2017 Invited talk: Unveiling the Physics Behind Extreme AGN Variability, ST. Thomas, US. Virgin Islands
- July 2017 Talk: European Week of Astronomy and Space Science, Prague, Czech Republic
- Jan. 2017 Talk: 229th American Astronomical Society meeting, Grapevine, USA
- Nov. 2015 Talk: Jerusalem TDE Workshop

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| Nov. 2015 | Talk: Gaia Science Alerts Workshop, Liverpool, UK |
| Sep. 2014 | Talk: Gaia Science Alerts Workshop, Warsaw, Poland |
| Aug. 2014 | Talk: CAASTRO Annual Scientific Conference, Coffs Harbour, Australia |
| Jul. 2014 | Talk: European Week of Astronomy and Space Science, Geneva, Switzerland |
| Feb. 2014 | Talk: Gaia-PESSTO GREAT ESF Workshop, Belfast, UK |
| Sep. 2013 | Invited talk: Workshop on High Energy Tidal Disruption Events, Favignana, Italy |
| Jul. 2012 | Talk: European Week of Astronomy and Space Science, Rome, Italy |

Selected colloquium and seminars

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| Nov 2020 | Invited colloquium: Nicolaus Copernicus Astronomical Center, Toruń, Poland |
| May 2020 | Invited colloquium: Astronomical Institute Anton Pannekoek, Amsterdam, The Netherlands |
| Oct. 2019 | Invited colloquium: Charles University, Prague, CZ |
| Oct. 2019 | Invited colloquium: UCL, London, UK |
| May 2018 | Seminar: SRON, Utrecht, The Netherlands |
| Jan. 2018 | Invited Colloquium: Radboud University, Nijmegen, The Netherlands |
| Jan. 2018 | Seminar: Technion – Israel Institute of Technology, Haifa, Israel |
| Jul. 2017 | Seminar: Faculty of Physics and Chemistry, University of Barcelona, Spain |
| Jun. 2017 | Seminar: Liverpool John Moores University, Liverpool, UK |
| Jun. 2017 | Seminar: Caltech, Pasadena, USA |
| Feb. 2017 | Invited seminar: University of Washington, Seattle, USA |
| Nov. 2016 | Invited seminar: San Diego State University, San Diego, USA |
| Jun. 2016 | Seminar: Faculty of Physics and Chemistry, University of Barcelona, Spain |
| Apr. 2016 | Seminar: Institute of Astronomy, Cambridge, UK |
| Feb. 2015 | Seminar: Institute of Astronomy, Cambridge, UK |
| Jan. 2015 | Seminar: Tuorla Observatory, University of Turku, Finland |
| Nov. 2014 | Invited colloquium: University of Warwick, Coventry, UK |
| May 2014 | Seminar: Astronomical Observatory, University of Warsaw, Warsaw, Poland |
| Aug. 2012 | Seminar: Faculty of Physics and Chemistry, University of Barcelona, Barcelona, Spain |

Press releases

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| Sep. 2016 | “New observations of rare cosmic explosion provide hints about stars' companionship”, for Blagorodnova et. al. 2017, GROWTH press |
| Sep. 2014 | “Gaia discovers its first supernova”, ESA |

Awarded observing time

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| 2021 | VLT – 2 hours (PI) |
| 2021 | LT – 17.5 hours (co-I) |
| 2020 | GTC – 16.5 hours (co-I) |
| 2020 | VLT – 12 hours (co-I) |
| 2020 | LT – 17.5 hours (co-I) |
| 2019 | Keck – ½ night (PI) |
| 2018 | LCO – 42 hours (PI) |
| 2018 | Keck – 3 nights (PI) |
| 2017 | HST GO Cycle 25 – 70 orbits (co-I) |
| 2017 | Keck – 1.25 nights (PI) + 1 night (co-I) |
| 2016 | HST DDT Cycle 23 – 5 orbits (co-I) |
| 2016 | Keck – 1 night (PI) + 0.5 nights (co-I) |
| 2016 | P200 – 3 nights (PI) |
| 2016 | P60 – 35 h (PI) |
| 2016 | P48 – 24 h (PI) |
| 2016 | VLT – 5h (co-I) |
| 2014 | Liverpool Telescope – 92 h (co-I) |

Observing experience

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| Keck I and Keck 2 | 26 nights. Instruments: LRIS, DEIMOS, NIRC2, NIRSPEC, ESI, OSIRIS |
| P200 | 10 nights. Instruments: DBSP, WIRC |
| WHT | 3 nights. Instruments: ACAM |
| NTT | 16 nights. Instruments: EFOSC2, SOFI |

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| NOT | 3 nights. Scheduling of Target of Opportunity observations |
| Copernico Telescope (1.8m) | 5 nights. Instruments EFOSC2 |

Supervision, teaching and mentoring of students

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| Feb. 2021 – now | Supervision of a master's thesis, Radboud University |
| Nov. 2018 – Jul. 2020 | Mentoring of an undergraduate student from Yale-NUS College in Singapore |
| Jun 2018 | Main organizer and lecturer of the ZTF Undergraduate Summer School, Caltech |
| Jun – Sep 2018 | Supervision of an undergraduate research project within the SURF project at Caltech |
| Jul – Sep. 2017 | Supervision of an undergraduate research project within the GROWTH programme, Caltech |
| Oct. 2016 – Sep. 2018 | Mentoring a graduate student in a junior technical position, Caltech |
| 2016, 2017 | Teaching of Astronomy 101 (part), Caltech |
| 2016 | Teaching assistant for the iPTF summer school, Caltech |
| 2013 | Supervision of course “Stellar structure and Evolution”, University of Cambridge |
| 2012 | Co-supervision of a master's degree project, University of Barcelona |

Complementary education

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| 2021 | Scientific writing, Efficient writing strategies, Writing a scientific review and Grant writing and presenting courses at Radboud University. |
| 2018 | Storytelling for scientists, Caltech, USA |
| 2017 | 35th Jerusalem Winter School in Theoretical Physics, Jerusalem, Israel |
| 2013 | GREAT Astrostatistics School 2013, Alicante, Spain |
| 2012 | GREAT-ITN on Fundamental Cosmic Distance Ladder and Transient Sky, Teramo, Italy |

Membership of large and medium-size collaborations

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| Since 2021 | Member of the Vera C. Rubin Observatory Legacy Survey of Space and Time (LSST) Transients and Variable (TVS) Stars Collaboration |
| Since 2019 | IAU junior member |
| Since 2018 | BlackGEM collaboration |
| 2016 - 2018 | Global Relay of Observatories Watching Transients Happen (GROWTH) |
| Since 2015 | Intermediate Palomar Transient Factory (iPTF) and Zwicky Transient Facility collaboration (ZTF) |
| 2012 – 2015 | Public Spectroscopic Survey for Transient Objects (PESSTO) |
| Since 2009 | Data Processing and Analysis Consortium (DPAC) for Gaia ESA mission |

Organization of conferences, meetings and seminars

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| Feb 2022 | SOC – Meeting on Common Envelope challenges and future directions. |
| Jul. 2020 | SOC – EAS Symposia “Common-envelope systems: progenitors, mergers and survivors” |
| 2019 – 2020 | Radboud University Astrophysics colloquium co-organizer |
| Jun. 2019 | SOC – EAS Symposia on tidal disruption events and ZTF, Lyon, France |
| Jun. 2018 | SOC/LOC – “ZTF Undergraduate Institute”, Caltech, Pasadena, USA |
| Sep. 2017 | SOC/LOC - “The Dynamic IR sky”, workshop, Caltech, Pasadena, USA |
| May 2017 | LOC - Pasadena Astronomy Postdoc Retreat, Lake Arrowhead, USA |
| 2016 – 2017 | Organizer - Caltech seminar series organizer (Tea Talks), Caltech, USA |
| Jul. 2016 | LOC - GROWTH annual meeting, Pasadena, USA |
| Sep. 2015 | LOC- Sharp Eyes on European Skies, Cambridge, USA |
| Sep. 2014 | SOC- 5 th Gaia Science Alerts Workshop, Warsaw, Poland |
| Jun. 2013 | SOC - GREAT Astrostatistics School 2013, Alicante, Spain |

Outreach activities

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| 2021 | Speaker for Astronomy on tap, Leiden, NL |
| 2020 | Greenway lecture, Palomar Observatory, USA |
| 2018 – 2021 | Regular outreach activities at Radboud University, Nijmegen, NL |
| 2017 | Speaker for Astronomy on tap, Pasadena, USA |
| 2012 – 2015 | Support to local outreach events, Institute of Astronomy, Cambridge, UK |
| 2014 | Gaia Outreach event, Barcelona, Spain |
| 2014 | Gaia LIVE outreach talk in an elementary school, Cambridge, UK |
| 2014 | Open day in the Institute of Astronomy – Gaia outreach |