



BeasiswaIndo

Beasiswa Indonesia

<https://beasiswaindo.com/scholarships>

PhD Studentship in Space Instrumentation (MicroADS Mission), University of Sussex, UK

<https://beasiswaindo.com/scholarships/phd-studentship-in-space-instrumentation-microads-mission-university-of-sussex-uk/>

Applications are invited for a prestigious fully-funded 3 year PhD studentship in Space Instrumentation at the **University of Sussex**. The successful applicant will join the MicroADS mission team in the Space Research Group. MicroADS is a novel satellite attitude determination system which offers star-tracker levels of performance in a much smaller instrument. It is anticipated that MicroADS will be flown on a LEO demonstrator mission in c.2021.



Type of award

Postgraduate Research

About the PhD Studentship

You will work on developing the MicroADS instrument hardware and on board instrument software, with the exact split between these activities determined by your aptitude and the instrument's needs. Your work will include development and characterisation of the instrument optics, electronics, and interfaces with spacecraft systems. The PhD requires a strong practical/experimental background in physics and/or spacecraft engineering.

About the Space Research Group

The Space Research Group conducts fundamental and applied work in a variety of areas related to space science, spacecraft engineering, and high performance hardware for terrestrial environments. The group is particularly well known for its world-leading contributions in: X-ray spectrometers for astronomy and planetary science; e^- spectrometers for space plasma physics; radioisotope microbatteries; compound semiconductor material physics; spacecraft GNC systems; and extreme environment instrumentation. The Space Research Group is entrepreneurial, business-focused, and committed to the highest quality of scientific research.

About the PhD supervisor

The PhD will be supervised by Prof. Anna M. Barnett. Prof. Barnett is Professor of Space Research and Director of the Sussex Space Research Group. She is an experimental physicist with internationally recognised expertise in detector physics and instrumentation for space science and extreme terrestrial environments (high temperature, intense radiation). As of April 2018, Prof. Barnett holds research funding totalling >£2M in value. She has won numerous prizes and awards including the 2016 Philip Leverhulme Prize, and she is the youngest person ever awarded a Personal Chair at University of Sussex (equivalent to a US Full Professor with Tenure).

Amount

The PhD studentship will include a 3 year tax-free stipend at standard postgraduate rates (currently £14,940 per year) and fees as follows: (a) UK/EU applicants, full fees; (b) overseas applicants, a contribution of up to £12,000 towards overseas fees in some cases.

Eligibility

Applications are invited from individuals with a good Bachelor's or Master's degree in Physics, Spacecraft

Engineering, or a comparable subject. A strong practical background and a deep work ethic are required.

University of Sussex is committed to equality and diversity. Applications are welcomed from all.

Deadline

25 May 2018 17:00 (GMT)

How to apply

Applications must be submitted via the University of Sussex Postgraduate Admissions System at <http://www.sussex.ac.uk/study/phd/apply>. Please indicate on the form that you wish to be supervised by Prof. Anna M. Barnett. Please do include a full CV, covering letter, and one page statement explaining your motivation for wishing to undertake a PhD in space instrumentation. A research proposal is not required.

Contact us

Informal enquiries about the position are welcome and may be addressed to Prof. Anna M. Barnett (Anna.Barnett@sussex.ac.uk).

-
1. [Fully Funded Doctoral Scholarships in Engineering, Kochi University of Technology, Japan](#)
 2. [Fully Funded PhD Scholarships, Nanyang Technological University, Singapore](#)
 3. [Full Tuition Fee + Grant, MSc in Engineering Scholarships, University of Southern Denmark](#)
 4. [Fully Funded Scholarships, Bond University, Australia](#)
 5. [Master Scholarships for International Students, Örebro University, Sweden](#)
 6. [Fully Funded Graduate Scholarships for International Students, University of Adelaide, Australia](#)
 7. [Fully Funded Fulbright Scholarships for Indonesian Students, USA](#)
 8. [Space Studies Scholarships, International Space University, France](#)
 9. [Full Tuition + Allowance Undergraduate Scholarships, Korea Advanced Institute of Science and Technology \(KAIST\), South Korea](#)
 10. [Music Scholarships, Musicians Institute, USA](#)
 11. [Fully Funded PhD Scholarships, Singapore University of Technology and Design](#)
 12. [MA Scholarships in Refugee Protection and Forced Migration Studies, University of London, UK](#)
 13. [Fully Funded PhD Scholarships in Economics, CERGE-EI, Czech Republic](#)

-
1. [Nieman-Berkman Klein Fellowship in Journalism Innovation, Harvard University, USA](#)
 2. [Knight Visiting Nieman Fellowships, Harvard University, USA](#)
 3. [MSc in Engineering Scholarships, University of Southern Denmark](#)
 4. [Women in Social and Economic Research \(WiSER\) Scholarship, Curtin University, Australia](#)
 5. [Oxford Centre for Islamic Studies Scholarships \(OCISS\), University of Oxford, UK](#)
 6. [Robin & Nadine Wells Scholarship, St Cross College, University of Oxford, UK](#)
 7. [St Cross Worldwide Scholarships, St Cross College, University of Oxford, UK](#)
 8. [MPhil Scholarship in Humanities and Social Sciences, St Cross College, University of Oxford, UK](#)
 9. [Hélène La Rue Scholarship in Music, University of Oxford, UK](#)
 10. [Graduate Scholarship in Archaeology, St Cross College, University of Oxford, UK](#)
 11. [RMIT International Excellence Scholarship, RMIT University, Australia](#)
 12. [Project MARS International Art and Film Contest, NASA - USA](#)
 13. [Hong Kong PhD Fellowship Scheme \(HKPFS\), University of Hong Kong](#)
 14. [UNSW Art & Design International Scholarship, Australia](#)
 15. [MBA Advanced Scholarships, Curtin University, Australia](#)
 16. [International Doctoral Scholarships in Engineering, Kochi University of Technology, Japan](#)
 17. [MSc International Management Scholarship, University of the West of England, UK](#)
 18. [Master Scholarships for International Students, Örebro University, Sweden](#)
 19. [Adelaide Scholarships International \(ASI\), University of Adelaide, Australia](#)
 20. [Beasiswa Bakti BCA - Institut Pertanian Bogor \(IPB\)](#)
 21. [Beasiswa S1, International School of Education, Vietnam Maritime University, Vietnam](#)
 22. [UQ Graduate School Scholarships \(UQGSS\), University of Queensland, Australia](#)
 23. [Bachelor of Medical Science Scholarship, Griffith University, Australia](#)
 24. [Space Studies Scholarships, International Space University, France](#)
 25. [Nanyang President's Graduate Scholarships \(NPGS\), Nanyang Technological University \(NTU\), Singapore](#)
 26. [Master of Business Administration \(MBA\) Scholarships, University of the West of England, UK](#)
 27. [International Excellence Scholarship, University of Waikato, New Zealand](#)
 28. [UC College of Engineering International Scholarship, University of Canterbury, New Zealand](#)
 29. [Merit International Postgraduate Scholarship, Edith Cowan University, Australia](#)
 30. [MA Game Art Scholarship, Pearson College London, UK](#)
 31. [Chevening Scholarships for Indonesian Students, UK](#)
 32. [ANU Master of Philosophy Scholarships, Australian National University, Australia](#)
 33. [ANU PhD Scholarships, Australian National University, Australia](#)
 34. [Full Fee Scholarships, University of Adelaide, Australia](#)

35. [UTS Science International Undergraduate Scholarship for Excellence, University of Technology Sydney, Australia](#)
36. [Civil and Structural Engineering PhD Scholarship, Curtin University, Australia](#)
37. [International Excellence Scholarship, Anglia Ruskin University, UK](#)
38. [University of Adelaide Matching Scholarships, Australia](#)
39. [Kamal Adham Fellowship for Television and Digital Journalism, The American University in Cairo, Egypt](#)
40. [Vice-Chancellors International High Achievers Scholarships, Charles Darwin University, Australia](#)
41. [Graduate Research Scholarships, University of Melbourne, Australia](#)
42. [International Undergraduate Excellence Scholarship, Bond University, Australia](#)
43. [MBS International Student Study Award, Massey University, New Zealand](#)
44. [Bond University Postgraduate Research Scholarship \(BUPRS\), Australia](#)
45. [College of Humanities and Social Sciences International Excellence Scholarship, Massey University, New Zealand](#)
46. [Research Training Program \(RTP\) Stipend Scholarship, Bond University, Australia](#)
47. [Postgraduate Research Studentships, Queen Mary University of London, UK](#)
48. [International Research Tuition Scholarship \(IRTS\), University of South Australia](#)
49. [2018 DJ Program Scholarship, Musicians Institute, USA](#)
50. [Musicianship Scholarships, Musicians Institute, USA](#)
51. [International Musicians Merit Scholarship, Musicians Institute, USA](#)
52. [Independent Artist Scholarships, Musicians Institute, USA](#)
53. [Universal Citywalk Hollywood Music Business Entrepreneur Scholarship, Musicians Institute, USA](#)
54. [City National Bank Music Business Scholarship, Musicians Institute, USA](#)
55. [Curtin International Merit Scholarships, Curtin University, Australia](#)
56. [Research Training Program \(RTP\) Stipend Scholarships, Curtin University, Australia](#)
57. [Curtin Strategic Stipend Scholarships, Curtin University, Australia](#)
58. [MSc / MBA International Student Scholarship, Curtin University, Australia](#)
59. [LA Breakfast Club Foundation Bachelor of Music Performance Scholarship, Musicians Institute, USA](#)
60. [MBA International Student Scholarship, Curtin University, Australia](#)
61. [Melodic Soloing Scholarship, Musicians Institute, USA](#)
62. [David Goldman PhD Scholarship, Newcastle University, UK](#)
63. [Imperial College Research Fellowships, Imperial College London, UK](#)
64. [ASEAN Graduate Scholarship, Nanyang Technological University, Singapore](#)
65. [Pat Hicks Memorial Guitar Scholarship, Musicians Institute, USA](#)
66. [Seymour Duncan Guitar Craft Scholarship, Musicians Institute, USA](#)
67. [Hosa Technology Audio Engineering Program Scholarship, Musicians Institute, USA](#)
68. [Takamine Acoustic Guitar Scholarship, Musicians Institute, USA](#)
69. [D'Addario Guitar Scholarship, Musicians Institute, USA](#)
70. [Seymour Duncan Guitar Scholarship, Musicians Institute, USA](#)
71. [Evans Drum Scholarship, Musicians Institute, USA](#)
72. [Fulbrights Grants for Indonesian Lecturers - Visiting Scholar Program, American Indonesian Exchange Foundation, USA](#)
73. [Chuck Silverman Memorial Drum Scholarship, Musicians Institute, USA](#)
74. [Fulbrights Grants for Indonesian Lecturers - MA, American Indonesian Exchange Foundation, USA](#)
75. [Fulbrights Grants for Indonesian Lecturers - PhD, American Indonesian Exchange Foundation, USA](#)
76. [Fulbright US - ASEAN Visiting Scholar Initiative Program, AMINEF, USA](#)
77. [Fulbright Distinguished Awards in Teaching Program for International Teachers \(Fulbright DAI\), USA](#)
78. [Fulbright PhD Scholarships, American Indonesian Exchange Foundation \(AMINEF\), USA](#)
79. [Fulbright Master Scholarships, American Indonesian Exchange Foundation \(AMINEF\), USA](#)
80. [PhD Scholarships in Chemical Engineering, Imperial College London, UK](#)
81. [Seymour Duncan Bass Scholarship, Musicians Institute, USA](#)
82. [Community College Initiative Program, American Indonesian Exchange Foundation, USA](#)
83. [Fulbright Visiting Scholar Program, USA](#)
84. [Global Undergraduate Exchange Program, American Indonesian Exchange Foundation, USA](#)
85. [Undergraduate Scholarships, Korea Advanced Institute of Science and Technology \(KAIST\)](#)
86. [Research Training Program international \(RTPi\) Scholarships, University of South Australia](#)
87. [Deakin Vice-Chancellor's International Scholarship, Deakin University, Australia](#)
88. [University of Adelaide Global Leaders Scholarships, Australia](#)
89. [University President's Scholarships \(UPS\), University of South Australia](#)
90. [Master and PhD Scholarships, King Fahd University of Petroleum and Minerals, Saudi Arabia](#)
91. [MS/PhD Fellowships, King Abdullah University of Science and Technology \(KAUST\), Saudi Arabia](#)
92. [The Sadako Ogata Scholarship, University of London, UK](#)
93. [PhD Scholarships in Economics, CERGE-EI, Czech Republic](#)
94. [PhD Studentships, Department of Physics & Astronomy, University of Sussex, UK](#)
95. [PhD Scholarships - Singapore University of Technology and Design](#)
96. [Master Scholarships, Chulabhorn Graduate Institute & ASEAN Foundation, Thailand](#)
97. [Indonesia Global Leaders Scholarship, University of Queensland, Australia](#)
98. [Vice-Chancellor's PhD Scholarship \(VCPS\), RMIT University, Australia](#)

