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PhD Studentships in Computational Fabrication and Graphics, University of Sussex, UK

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Multiple PhD Studentships: Application of Graphics and computational fabrication techniques for novel 3D printed acoustic devices (2018)



Multiple PhD studentships in computational fabrication and graphics are available in the Interact Lab of the University of Sussex.

Type of award

Postgraduate Research

PhD project

Multiple PhD studentships in computational fabrication and graphics are available in the Interact Lab of the University of Sussex from October 2018. The project will be supervised by Sriram Subramanian (<https://scholar.google.com/citations?user=CO9UQcsAAAAJ&hl=en>).

Our group is interested in exploring the use of 3D printed structures to shape and sculpt sound input sound fields. These 3D printed structures are often called metamaterials and can be used to create acoustic lenses and mirrors. Using these structures, we can create novel haptic devices, speakers and many new interactive experiences.

This project will involve using computer graphics techniques to model and analyse these structures to make structures that are efficient and effective in manipulating input sound fields. This project will give you the opportunity to collaborate in a novel field of cutting edge research in a highly applied and fast moving area. The successful candidate will engage with many ongoing research collaborators in UK, Denmark, Sweden and USA. In addition to undertaking

high quality research and publishing in top graphics and HCI conferences/ journals, the group also creates significant impact by developing technology that is integrated into different industry products.

University of Sussex is a research intensive university, in the sunniest part of UK, 50 mins by train from Central London and 30 mins cycle to the Brighton Beach.

You can get a flavour for our research by visiting

<http://interact-lab.com>

or

https://www.youtube.com/channel/UCA7PJefsm6s9ZjjBywIDeyg?view_as=subscriber

Amount

£14,553 tax free stipend, plus fees waiver to the UK/ EU amount.

Eligibility

Requirements

- Good Bachelors or Masters degree in Computer Science, Electrical Engineering, Mathematics or related disciplines (essential)
- Good programming skills in at least one of Python/C++/Java (essential)
- Ability to work independently and be self-motivated (essential)
- Experience in Graphics/ Machine learning or HCI (essential)

Deadline

1 August 2018 0:00 (GMT)

How to apply

The scholarship includes a three year stipend at a standard rate (currently £14553 per annum) and in addition, fees at the UK/ EU/ International rate.

Apply online at <http://www.sussex.ac.uk/study/phd/apply> . Clearly state the full title of this studentship in the finance section of your application.

Timetable:

The studentship will be allocated as soon as a suitable candidate is found. Review of applications will commence on 15th of June 2018 and will continue until the positions are filled. Early application is advised.

Contact us

For informal inquiries please contact Prof. Subramanian, Department of Informatics, University of Sussex, Falmer, Brighton BN1 9QJ, UK; sriram@sussex.ac.uk.

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1. Fully Funded Fulbright Scholarships for Indonesian Students, USA
 2. Fully Funded Scholarships and Fellowships, Australia
 3. Fully Funded Research Studentships for International Students, University of Reading, UK
 4. Fully Funded PhD Scholarships for International Students, University of Warwick, UK
 5. Full Tuition Fee MBA Scholarships for International Students, Melbourne Business School, Australia
 6. Master Scholarships for International Students, Malmö University, Sweden
 7. Space Studies Scholarships, International Space University, France
 8. Fully Funded Master Scholarships for International Students, Utrecht University, Netherlands
 9. Master Scholarships for International Students, Uppsala University, Sweden
 10. Fully Funded Master Scholarships, Perimeter Institute for Theoretical Physics, Canada
 11. Full Tuition Fee Scholarships for Female Students from Developing Countries, Swansea University, UK
 12. Living Allowance + Tuition Fees Doctoral Scholarships, University of Waikato, New Zealand
 13. Full Tuition + Allowance Undergraduate Scholarships, Korea Advanced Institute of Science and Technology (KAIST), South Korea
 14. MA Scholarships in Refugee Protection and Forced Migration Studies, University of London, UK
 15. Fully Funded PhD Scholarships in Economics, CERGE-EI, Czech Republic
 16. Fully Funded PhD Scholarships, Nanyang Technological University, Singapore
 17. Business School Master Scholarships, University of Leeds, UK
 18. Master Scholarships for International Students, Örebro University, Sweden
 19. Music Scholarships, Musicians Institute, USA
 20. Fully Funded Graduate Scholarships for International Students, University of Adelaide, Australia

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1. Justus & Louise van Effen Excellence Scholarships, Delft University of Technology, Netherlands

2. Holland Scholarship, Delft University of Technology, Netherlands
3. Durham Doctoral Studentships, Durham University, UK
4. President's PhD Scholarships, Imperial College London, UK
5. Quentin Bryce Law Doctoral Scholarship, University of Technology Sydney, Australia
6. General Academic Scholarships, University of Bridgeport, USA
7. UNSW Art & Design International Scholarship, Australia
8. MSc International Management Scholarship, University of the West of England, UK
9. PhD Scholarship, Department of Economics, University of Copenhagen, Denmark
10. Master Scholarships for International Students, Örebro University, Sweden
11. Beasiswa Bakti BCA - Universitas Gadjah Mada (UGM)
12. Departmental Taught Masters Scholarships, University of York, UK
13. City National Bank Music Business Scholarship, Musicians Institute, USA
14. Chevening Scholarship, University of Sussex, UK
15. Söderberg Scholarship, Lund University, Sweden
16. Adelaide Scholarships International (ASI), University of Adelaide, Australia
17. University of Reading International Research Studentships, UK
18. Chancellor's International Scholarships, University of Warwick, UK
19. Dean's Scholarship for Women and Management, Melbourne Business School, Australia
20. Dean's International Management Scholarship, Melbourne Business School, Australia
21. Master Scholarships, Malmö University, Sweden
22. Utrecht Excellence Scholarships, Utrecht University, Netherlands
23. UQ Graduate School Scholarships (UQGSS), University of Queensland, Australia
24. Holland Scholarship, Utrecht University, Netherlands
25. Uppsala University President's Club Scholarship, Sweden
26. Uppsala University IPK Scholarships, Sweden
27. Newcastle University Overseas Research Scholarship (NUORS), UK
28. Vice-Chancellor's Excellence Scholarships Postgraduate, Newcastle University, UK
29. Vice-Chancellor's International Scholarships, Newcastle University, UK
30. David Goldman PhD Scholarship, Newcastle University, UK
31. Master Scholarships, Perimeter Institute for Theoretical Physics, Canada
32. Bachelor of Medical Science Scholarship, Griffith University, Australia
33. University of Waikato Doctoral Scholarship, New Zealand
34. Radboud University Medical Center Study Fund, Netherlands
35. Space Studies Scholarships, International Space University, France
36. Nanyang President's Graduate Scholarships (NPGS), Nanyang Technological University (NTU), Singapore
37. Master of Business Administration (MBA) Scholarships, University of the West of England, UK
38. UC College of Engineering International Scholarship, University of Canterbury, New Zealand
39. Kent Business School Hardship Bursary, University of Kent, UK
40. Merit International Postgraduate Scholarship, Edith Cowan University, Australia
41. Chevening Scholarships for Indonesian Students, UK
42. Amandus H Lundqvist Scholarship Program, Eindhoven University of Technology, Netherlands
43. Postgraduate Global Excellence Scholarships, University of Exeter, UK
44. Fully-Funded Doctoral Studentships in Computer Science, University of Oxford, UK
45. International Master in Security, Intelligence and Strategic Studies (IMSISS), Europe
46. Full Fee Scholarships, University of Adelaide, Australia
47. UTS Science International Undergraduate Scholarship for Excellence, University of Technology Sydney, Australia
48. Civil and Structural Engineering PhD Scholarship, Curtin University, Australia
49. International Excellence Scholarship, Anglia Ruskin University, UK
50. University of Adelaide Matching Scholarships, Australia
51. Beasiswa Yayasan Goodwill International - Institut Pertanian Bogor (IPB)
52. Kamal Adham Fellowship for Television and Digital Journalism, The American University in Cairo, Egypt
53. Melodic Soloing Scholarship, Musicians Institute, USA
54. Joe Bonamassa Blues Guitar Scholarship, Musicians Institute, USA
55. 2019 DJ Program Scholarship, Musicians Institute, USA
56. Evans Drum Scholarship, Musicians Institute, USA
57. Vice-Chancellors International High Achievers Scholarships, Charles Darwin University, Australia
58. Graduate Research Scholarships, University of Melbourne, Australia
59. MBS International Student Study Award, Massey University, New Zealand
60. University of Adelaide Global Citizens Scholarship, Australia
61. DAAD Scholarships in Fine Art, Design, Visual Communication and Film, Germany
62. PhD Scholarship in Exercise Sciences, La Trobe University, Australia
63. University of Saskatchewan International Excellence Awards, Canada
64. College of Humanities and Social Sciences International Excellence Scholarship, Massey University, New Zealand
65. Tourism Development & Culture (Erasmus Mundus Joint Masters) Scholarships, Europe
66. Paul Wheelton Scholarship, University of Melbourne, Australia

67. Holland Scholarship, University of Twente, Netherlands
68. Postgraduate Research Studentships, Queen Mary University of London, UK
69. University of Twente Scholarship (UTS), Netherlands
70. Millennium Development Scholarship, University of the West of England, UK
71. Chancellor's Scholarship, University of the West of England, UK
72. Eira Francis Davies Scholarship, Swansea University, UK
73. Reducing Sitting Time in Type 2 Diabetes Scholarships, Australian Catholic University
74. Research Training Program Scholarships, Australian Catholic University
75. Curtin International Merit Scholarships, Curtin University, Australia
76. ASEAN Graduate Scholarship, Nanyang Technological University, Singapore
77. Fulbrights Grants for Indonesian Lecturers - Visiting Scholar Program, American Indonesian Exchange Foundation, USA
78. Fulbrights Grants for Indonesian Lecturers - MA, American Indonesian Exchange Foundation, USA
79. Fulbrights Grants for Indonesian Lecturers - PhD, American Indonesian Exchange Foundation, USA
80. Undergraduate Postgraduate Bursary, Western Sydney University, Australia
81. Postgraduate Scholarships, Western Sydney University, Australia
82. Undergraduate Scholarships, Western Sydney University, Australia
83. Fulbright US - ASEAN Visiting Scholar Initiative Program, AMINEF, USA
84. Fulbright Distinguished Awards in Teaching Program for International Teachers (Fulbright DAI), USA
85. Vice-Chancellor's International Scholarship, Macquarie University, Australia
86. Fulbright PhD Scholarships, American Indonesian Exchange Foundation (AMINEF), USA
87. Fulbright Master Scholarships, American Indonesian Exchange Foundation (AMINEF), USA
88. ANU College of Engineering & Computer Science International Postgraduate Excellence Scholarship, Australia
89. Masters in Marketing International Excellence Scholarships, University of Leeds, UK
90. Masters in International Business International Excellence Scholarships, University of Leeds, UK
91. Masters in Human Resource Management International Excellence Scholarships, University of Leeds, UK
92. Masters in Management Consulting International Excellence Scholarship, University of Leeds, UK
93. Masters in Organizational Psychology / Business Psychology International Excellence Scholarship, University of Leeds, UK
94. Masters in Information Systems and Information Management International Excellence Scholarship, University of Leeds, UK
95. Masters in Global Supply Chain Management International Excellence Scholarship, University of Leeds, UK
96. PhD Scholarships in Chemical Engineering, Imperial College London, UK
97. Masters in Global Strategy and Innovation Management International Excellence Scholarship, University of Leeds, UK
98. Masters in Enterprise and Entrepreneurship International Excellence Scholarship, University of Leeds, UK
99. Community College Initiative Program, American Indonesian Exchange Foundation, USA
100. Masters in Business Analytics and Decision Sciences International Excellence Scholarship, University of Leeds, UK
101. Masters in Management International Excellence Scholarship, University of Leeds, UK
102. Masters in Accounting and Finance International Excellence Scholarship, University of Leeds, UK
103. Dean's International Excellence Scholarship, University of Leeds, UK
104. Academic Excellence Scholarship, Bournemouth University, UK
105. Executive Dean's Scholarship, Faculty of Science & Technology, Bournemouth University, UK
106. Executive Dean's Scholarship, Department of Tourism and Hospitality, Bournemouth University, UK
107. Executive Dean's Scholarship, Faculty of Media & Communication, Bournemouth University, UK
108. Executive Dean's Scholarship, Faculty of Management, Bournemouth University, UK
109. Executive Dean's Scholarship, Faculty of Health & Social Sciences, Bournemouth University, UK
110. International Masters Scholarship, Edith Cowan University, Australia
111. Fulbright Visiting Scholar Program, USA
112. Global Undergraduate Exchange Program, American Indonesian Exchange Foundation, USA
113. Undergraduate Scholarships, Korea Advanced Institute of Science and Technology (KAIST)
114. Deakin Vice-Chancellor's International Scholarship, Deakin University, Australia
115. Curtin International Scholarships - CRL Merit Scholarship, Curtin University, Australia
116. MBA Scholarships, Brunel University, UK
117. University of Adelaide Global Leaders Scholarships, Australia
118. MS/PhD Fellowships, King Abdullah University of Science and Technology (KAUST), Saudi Arabia
119. The Sadako Ogata Scholarship, University of London, UK
120. PhD Scholarships in Economics, CERGE-EI, Czech Republic
121. Master Scholarships, Chulabhorn Graduate Institute & ASEAN Foundation, Thailand
122. Indonesia Global Leaders Scholarship, University of Queensland, Australia
123. Nieman-Berkman Klein Fellowship in Journalism Innovation, Harvard University, USA
124. Oxford Centre for Islamic Studies Scholarships (OCISS), University of Oxford, UK
125. Robin & Nadine Wells Scholarship, St Cross College, University of Oxford, UK
126. St Cross Worldwide Scholarships, St Cross College, University of Oxford, UK
127. MPhil Scholarship in Humanities and Social Sciences, St Cross College, University of Oxford, UK
128. H el ene La Rue Scholarship in Music, University of Oxford, UK

129. Graduate Scholarship in Archaeology, St Cross College, University of Oxford, UK
 130. RMIT International Excellence Scholarship, RMIT University, Australia
 131. Hong Kong PhD Fellowship Scheme (HKPFS), University of Hong Kong
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Last updated: 05 July 2018