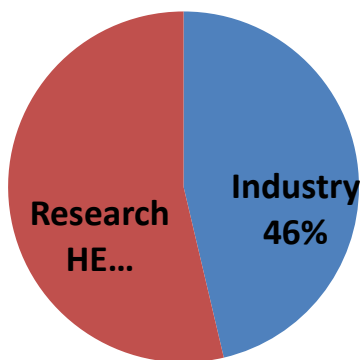


Physics PhD Destination Data 2018 Where do physics PhD graduates go?

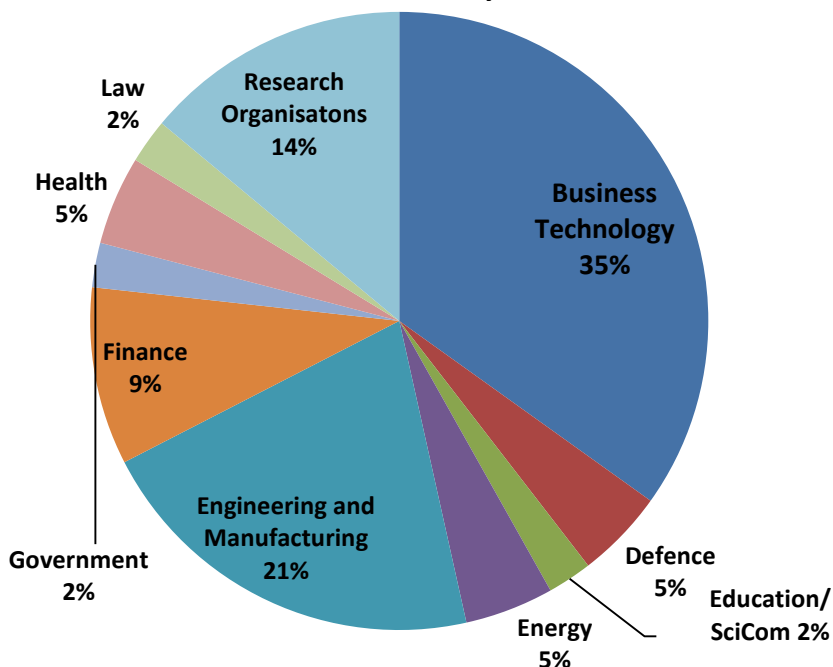
SEPnet PhD graduates 2016-2017 (sample: 95)



Who do physics PhD graduates work for?

Royal Astronomical Society
 Natural History Museum
 DirectLine Actica
 Annalect KU-Lueven
 PowerPhotonic
 MessinaQuantativeResearch
 JustEat Diamond
 GravesendBoysSchool
 SopraBankingSoftware Thales
 ASIDataScience Earth-i
 SCLElections
 CambridgeUniversityHospital
 Gatan BritishGas
 NCSR ArgosNATS
 OxsenisHastingsDirect
 HSBC NPL Coherent DSTL
 ORH Deloitte
 NetworkMapping
 MedicalPhysicsLtd
 CambridgeConsultants
 Centronic MiniCircuits
 Mathys&SquireLLP
 TheTechnologyPartnership

SEPnet PhD graduates in non-academic careers: breakdown by sector



For further information email employerengagement@sepnet.ac.uk

Physics PhD Destination Data 2018

Key skills/attributes employers look for in physics PhDs

Good organisation skills
 Reliability and preparedness to work 8 hours a day
 Expert in their field
 Deep physics skills
 Practical understanding of theoretical implementation
 Understanding of industry
 Creativity
 Rigorously analytical mind-set
 Project lead in future
 Flexibility
 Experimental skills

Spotting patterns, building and refining predictive models
 Good numerical coding ability
 Self-starter
 Self-motivated, learn new areas of applications quickly
 An enquiring mind
 Good logical and analytical thinking skills
 Persistence
 Attention to detail
 Apply theories to real world problems
 Excellent mathematical skills

Examples of research area and job roles

PhD	Job Role	Organisation
Astrophysics	Data Scientist	Argos
Quantum Light and Matter	Laser Systems Engineer	Coherent
Condensed Matter	Production Test Engineer	Gatan
Nuclear Physics	Technical Assistant	Mathys & Squire LLP
Solid State	GIS and LIDAR Analyst	Network Mapping
Particle Physics	Junior IT Consultant	Sopra Banking Software
Experimental Nuclear Physics	Insertion Device Physicist	Diamond Light source
Theoretical Physics	Data Scientist	HSBC
Nuclear Engineering	Nuclear Strategy Lead	NPL
Solid State	Curator, Petrology	Natural History Museum
Quantum Light and Matter	Optoelectronic Development Engineer	Oxsensis
Radiation and Medical Physics	Senior Radiosurgery Physicist	Medical Physics Ltd
Astronomy	Physicist	Cambridge Consultants
Quantum Light and Matter	Consultant	The Technology Partnership
Particle Physics	Data Analytics	British Gas
Quantum Light and Matter	Senior Scientist	DSTL

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