

The Fourth Year Project Selection Process

Andrew Gee

Department of Engineering, Cambridge

17 March 2025

Type A and B projects

Type A and B projects

Type A projects are proposed by staff, Type B by students.

Type A and B projects

Type A projects are proposed by staff, Type B by students.

Tuesday 29 April is the deadline for sending Type B proposals to coordinators.

Type A and B projects

Type A projects are proposed by staff, Type B by students.

Tuesday 29 April is the deadline for sending Type B proposals to coordinators.

If a Type B project is not viable, a Type A project must be selected instead.

Type A and B projects

Type A projects are proposed by staff, Type B by students.

Tuesday 29 April is the deadline for sending Type B proposals to coordinators.

If a Type B project is not viable, a Type A project must be selected instead.

Most students choose a Type A project.

Group centres

A: Thermodynamics and Fluid Mechanics

Prof Stewart Cant

B: Electrical Engineering

Prof George Malliaras

C: Mechanics and Materials

Prof Vikram Deshpande

D: Civil, Structural and Environmental Engineering

Prof Abir Al-Tabbaa

F: Information Engineering

Prof Guillaume Hennequin

Overall coordinator

Prof Andrew Gee

Group centres

A: Thermodynamics and Fluid Mechanics

Prof Stewart Cant (Mrs Kate Graham)

B: Electrical Engineering

Prof George Malliaras (Mrs Susan Murkett)

C: Mechanics and Materials

Prof Vikram Deshpande (Ms Liz Howard)

D: Civil, Structural and Environmental Engineering

Prof Abir Al-Tabbaa (Mrs Sue Stocks)

F: Information Engineering

Prof Guillaume Hennequin (Mrs Lina Zvaginyte-Bagociene)

Overall coordinator

Prof Andrew Gee

Chromium Web Browser
Wed 9 Feb 18:09
IIB Project Choices - Chromium

IIB Project Choices
iibprojects.eng.cam.ac.uk/fe/list-projects/2021

UNIVERSITY OF CAMBRIDGE
Study at Cambridge About the University Research at Cambridge
Quick links Search

COMET Part IIB Project Selection

IIB Projects > (trp60)

Browse projects

All Group A Group B Group C Group D Group F

Topics: A: Aeronautics A: CFD A: Combustion A: Design Optimisation A: Energy A: Fluid Mechanics A: Turbomachinery B: Electronics
B: Nanotechnology and Thin Films B: Photonics and Displays B: Power electronics, machines, energy and power systems B: Robotics B: Software
B: Superconductivity C: Design C: Materials C: Mechanics D: Construction Engineering D: Environmental Engineering D: Geotechnics
D: Miscellaneous D: Petroleum Engineering D: Structural Engineering D: Sustainable Development F: Bioengineering F: Communications
F: Computer Vision and Robotics F: Control F: Machine learning F: Medical Imaging F: Signal Processing F: Software Engineering and Computing
F: Speech Processing

Areas: Mechanical Engineering Energy, Sustainability and the Environment Aerospace and Aeronautical Engineering
Civil, Structural and Environmental Engineering Electrical and Electronic Engineering Information and Computer Engineering
Electrical and Information Sciences Instrumentation and Control Bioengineering General Engineering Expand all

Dr Christelle Abadie 4 Projects
Professor Anurag Agarwal 2 Projects
Prof. Abir Al-Tabbaa 4 Projects
Dr Samuel Albanie 3 Projects

The screenshot shows a web browser window displaying the 'IIB Project Choices' page. The page header includes the University of Cambridge logo and navigation links. The main heading is 'COMET Part IIB Project Selection'. Below this, there are filters for 'IIB Projects' (trp60) and 'Browse projects' (Group F). The page lists various topics and areas, and a table of project leads with the number of projects available to each.

COMET Part IIB Project Selection

IIB Projects trp60

Browse projects

All Group A Group B Group C Group D **Group F**

Topics: [Bioengineering](#) [Communications](#) [Computer Vision and Robotics](#) [Control](#) [Machine learning](#) [Medical Imaging](#) [Signal Processing](#)

[Software Engineering and Computing](#) [Speech Processing](#)

Areas: [Mechanical Engineering](#) [Energy, Sustainability and the Environment](#) [Aerospace and Aerothermal Engineering](#)

[Civil, Structural and Environmental Engineering](#) [Electrical and Electronic Engineering](#) [Information and Computer Engineering](#)

[Electrical and Information Sciences](#) [Instrumentation and Control](#) [Bioengineering](#) [General Engineering](#) Expand All

Dr Samuel Albanie	3 Projects	▼
Dr Somenath Bakshi	5 Projects	▼
Professor Ioannis Brilakis	4 Projects	▼
Dr Ignas Budvytis	3 Projects	▼
Prof. Bill Byrne	2 Projects	▼
Prof. David Cebon	1 Project	▼
Dr James Charles	2 Projects	▼

Chromium Web Browser Wed 9 Feb 18:09 en

IIB Project Choices - Chromium

IIB Project Choices iibprojects.eng.cam.ac.uk/fe/list-projects/2021

UNIVERSITY OF CAMBRIDGE Study at Cambridge About the University Research at Cambridge Quick links Search

COMET Part IIB Project Selection

IIB Projects [\(196\)](#)

Browse projects

All Group A Group B Group C Group D Group F

Topics: [Bioengineering](#) [Communications](#) [Computer Vision and Robotics](#) [Control](#) [Machine learning](#) [Medical Imaging](#) [Signal Processing](#)

[Software Engineering and Computing](#) [Speech Processing](#)

Areas: [Mechanical Engineering](#) [Energy, Sustainability and the Environment](#) [Aerospace and Aerothermal Engineering](#)

[Civil, Structural and Environmental Engineering](#) [Electrical and Electronic Engineering](#) [Information and Computer Engineering](#)

[Electrical and Information Sciences](#) [Instrumentation and Control](#) [Bioengineering](#) [General Engineering](#) Expand All

Professor Andrew Gee	2 Projects	▼
Dr Flavia Mancini	1 Project	▼
Dr Thierry Savin	2 Projects	▼
Professor Graham Treece	3 Projects	▼
Prof. Tim Wilkinson	2 Projects	▼

The screenshot shows a web browser window displaying the 'IIB Project Choices' page. The page header includes the University of Cambridge logo and navigation links. The main heading is 'COMET Part IIB Project Selection'. Below this, there are filters for 'IIB Projects' and 'Group F'. The 'Browse projects' section shows a list of topics and areas, with 'Medical Imaging' selected. A list of projects is displayed, including 'F-ahg13-1- Analysis of implanted cochlear CT scans' and 'F-ahg13-3- Machine learning for segmentation of cochlear CT scans'.

Chromium Web Browser
Wed 9 Feb 16:09
IIB Project Choices - Chromium
IIB Project Choices
iibprojects.eng.cam.ac.uk/fe/list-projects/2021
Google Work Play
UNIVERSITY OF CAMBRIDGE
Study at Cambridge About the University Research at Cambridge
Quick links Search 1
COMET Part IIB Project Selection
IIB Projects (trp60)
Browse projects
All Group A Group B Group C Group D Group F
Topics: Bioengineering Communications Computer Vision and Robotics Control Machine learning Medical Imaging Signal Processing
Software Engineering and Computing Speech Processing
Areas: Mechanical Engineering Energy, Sustainability and the Environment Aerospace and Aeronautical Engineering
Civil, Structural and Environmental Engineering Electrical and Electronic Engineering Information and Computer Engineering
Electrical and Information Sciences Instrumentation and Control Bioengineering General Engineering Expand All
Professor Andrew Gee 2 Projects
F-ahg13-1- Analysis of implanted cochlear CT scans
F-ahg13-3- Machine learning for segmentation of cochlear CT scans
Dr Flavia Mancini 1 Project
Dr Thierry Savin 2 Projects
Professor Graham Treece 3 Projects

The screenshot shows a web browser window displaying the 'IIB Project Choices' page. The browser's address bar shows the URL 'iibprojects.eng.cam.ac.uk/fe/list/projects/2021'. The page header includes the University of Cambridge logo and navigation links for 'Study at Cambridge', 'About the University', and 'Research at Cambridge'. A search bar is also present.

COMET Part IIB Project Selection

IIB Projects trp60

Browse projects

All Group A Group B Group C Group D Group F

Topics: Bioengineering Communications Computer Vision and Robotics Control Machine learning Medical Imaging Signal Processing

Software Engineering and Computing Speech Processing

Areas: Mechanical Engineering Energy, Sustainability and the Environment Aerospace and Aeronautical Engineering

Civil, Structural and Environmental Engineering Electrical and Electronic Engineering Information and Computer Engineering

Electrical and Information Sciences Instrumentation and Control Bioengineering General Engineering Collapse All

Professor Andrew Gee 2 Projects

- F-ahg13-1- Analysis of implanted cochlear CT scans
- F-ahg13-3- Machine learning for segmentation of cochlear CT scans

Dr Flavia Mancini 1 Project

- F-fm456-2- Probabilistic encoding in the human brain (high field functional MRI)

Chromium Web Browser Wed 9 Feb 18:14

IIB Project Choices - Chromium

iibprojects.eng.cam.ac.uk/fe/list/projects/2021

UNIVERSITY OF CAMBRIDGE Study at Cambridge About the University Research at Cambridge Quick links Search

Browse Your choices

Select this project (0 students already have)

F-ahg13-3 Machine learning for segmentation of cochlear CT scans

- Reference -> F-ahg13-3
- Supervisor -> Professor Andrew Gee
- Supervisor email -> ahg13@cam.ac.uk
- Contact location -> 8N0-32
- Web link -> http://imi.eng.cam.ac.uk/~ahg/4proj_21.html
- This project has an external partner
Manohar Bance and Chloe Swords, Addenbrooke's Hospital

Project group topics:

F. Medical Imaging F. Bioengineering F. Machine learning F. Software Engineering and Computing

Engineering areas:

Information and Computer Engineering Bioengineering

Description

A previous 4th year project (<https://doi.org/10.1038/s41598-021-83059-6>) developed an effective method for segmenting the human cochlea in clinical CT scans. That project, and indeed this one, was motivated by cochlear implants. The precise positioning of the implant within the cochlea can have a profound effect on the hearing outcome. And yet, when planning implantation surgery, it is difficult for the surgeon to take the individual's particular cochlear size and shape into account, given the low resolution of clinical CT images, and the difficulty in segmenting the cochlea from the surrounding temporal bone. While the previous project took a traditional, model-fitting approach to the segmentation task, other researchers have attempted machine learning approaches. See, for example, the work of Heutrik (<https://doi.org/10.1016/j.cmpb.2020.105387>) and Neeves (<https://doi.org/10.1038/s41598-020-80619-0>). The aim of this project is to implement a machine learning approach, and compare its performance with the traditional model-fitting approach. An important point to note is that this project's supervisor is not a machine learning expert. So students should not apply if they would require supervision on this aspect of the project. But the project may appeal to a competent machine learning practitioner who would like to apply their expertise to an interesting medical problem. Supervision will be available on all other aspects of the project, including provision and preparation of training and testing data, and evaluation against the model-fitting approach. This project is offered in collaboration with Manohar Bance and Chloe Swords at Addenbrooke's Hospital. The project would suit somebody who can read the Heutrik and Neeves papers, and would know how to re-implement their work. Please click on the "web link" above for an illustrated description of this project, and don't hesitate to get in touch if you would like me to explain the project in more detail.

This brief description may not fully convey every aspect of the project experience. Always arrange to meet the supervisor and discuss the project before you select it as one of your choices. Students away on exchange schemes should arrange a video call.

Professor Graham Treece 3 Projects

The screenshot shows a web browser window displaying the 'IIB Project Choices' page. The page header includes the University of Cambridge logo and navigation links for 'Study at Cambridge', 'About the University', and 'Research at Cambridge'. The main heading is 'COMET Part IIB Project Selection'. Below this, there are filters for 'IIB Projects' and 'Group'. The 'Browse projects' section features a grid of project topics and areas, with 'Bioengineering' selected. A table lists the number of projects available for each professor.

COMET Part IIB Project Selection

IIB Projects (Group A)

Browse projects

All Group A Group B Group C Group D Group F

Topics: A: Aeronautics A: CFD A: Combustion A: Design Optimisation A: Energy A: Fluid Mechanics A: Turbomachinery B: Electronics
B: Nanotechnology and Thin Films B: Photonics and Displays B: Power electronics, machines, energy and power systems B: Robotics B: Software
B: Superconductivity C: Design C: Materials C: Mechanics D: Construction Engineering D: Environmental Engineering D: Geotechnics
D: Miscellaneous D: Petroleum Engineering D: Structural Engineering D: Sustainable Development F: Bioengineering F: Communications
F: Computer Vision and Robotics F: Control F: Machine learning F: Medical Imaging F: Signal Processing F: Software Engineering and Computing
F: Speech Processing

Areas: Mechanical Engineering Energy, Sustainability and the Environment Aerospace and Aeronautical Engineering
Civil, Structural and Environmental Engineering Electrical and Electronic Engineering Information and Computer Engineering
Electrical and Information Sciences Instrumentation and Control **Bioengineering** General Engineering Expand all

Professor Anurag Agarwal	2 Projects
Prof. Abir Al-Tabbaa	1 Project
Dr Somenath Bakshi	5 Projects
Professor Colm Durkan	2 Projects

The screenshot shows a web browser displaying the 'IIB Project Choices' page. The page header includes the University of Cambridge logo and navigation links. The main heading is 'COMET Part IIB Project Selection'. Below this, there are filters for 'IIB Projects' and 'Group F'. The 'Browse projects' section shows various topics and areas, with 'Bioengineering' selected. A table lists the number of projects available for each professor in Group F.

Professor	Number of Projects
Dr Somenath Bakshi	5 Projects
Prof. Andrew Flewitt	1 Project
Professor Andrew Gee	2 Projects
Dr Guillaume Hennequin	3 Projects
Professor Alexandre Kabla	3 Projects
Dr Peter Long	2 Projects
Dr Flavia Mancini	1 Project

The screenshot shows a web browser window displaying the 'IIB Project Choices' page. The page header includes the University of Cambridge logo and navigation links. The main heading is 'COMET Part IIB Project Selection'. Below this, there are filters for 'Browse projects' by group (All, Group A, Group B, Group C, Group D, Group F) and by topic (Bioengineering, Communications, Computer Vision and Robotics, Control, Machine learning, Medical Imaging, Signal Processing). There are also filters for areas (Mechanical Engineering, Energy, Sustainability and the Environment, Aerospace and Aeronautical Engineering, Civil, Structural and Environmental Engineering, Electrical and Electronic Engineering, Information and Computer Engineering, Electrical and Information Sciences, Instrumentation and Control, Bioengineering, General Engineering). A table lists project leads and the number of projects available to each.

Project Lead	Number of Projects
Dr Somenath Bakshi	3 Projects
Professor Andrew Gee	1 Project
Dr Guillaume Hennequin	3 Projects
Dr Jossy Sayir	1 Project
Prof. Rodolphe Sepulchre	1 Project
Dr Yashar Ahmadian Tehrani	1 Project

Chromium Web Browser | IIB Project Choices - Chromium | IIB Project Choices

UNIVERSITY OF CAMBRIDGE | Study at Cambridge | About the University | Research at Cambridge | Quick links | Search

COMET Part IIB Project Selection

IIB Projects | (grp60)

Browse projects

All | Group A | Group B | Group C | Group D | Group E | Group F

Topics: Bioengineering | Communications | Computer Vision and Robotics | Control | **Machine learning** | Medical Imaging | Signal Processing

Software Engineering and Computing | Speech Processing

Areas: Mechanical Engineering | Energy, Sustainability and the Environment | Aerospace and Aeronautical Engineering

Civil, Structural and Environmental Engineering | Electrical and Electronic Engineering | Information and Computer Engineering

Electrical and Information Sciences | Instrumentation and Control | **Bioengineering** | General Engineering | Expand All

Dr Somenath Bakshi	3 Projects
Professor Andrew Gee	1 Project
F-ahg13-3- Machine learning for segmentation of cochlear CT scans	
Dr Guillaume Hennequin	3 Projects
Dr Jossy Sayir	1 Project
Prof. Rodolphe Sepulchre	1 Project

Chromium Web Browser Wed 9 Feb 16:14

IIB Project Choices - Chromium

iibprojects.eng.cam.ac.uk/fe/list/projects/2021

UNIVERSITY OF CAMBRIDGE Study at Cambridge About the University Research at Cambridge Quick links Search

Browse Your choices

Select this project (0 students already have)

F-ahg13-3 Machine learning for segmentation of cochlear CT scans

- Reference -> F-ahg13-3
- Supervisor -> Professor Andrew Gee
- Supervisor email -> ahg13@cam.ac.uk
- Contact location -> 8N0-32
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Manohar Bance and Chloe Swords, Addenbrooke's Hospital

Project group topics:

F. Medical Imaging F. Bioengineering F. Machine learning F. Software Engineering and Computing

Engineering areas:

Information and Computer Engineering Bioengineering

Description

A previous 4th year project (<https://doi.org/10.1038/s41598-021-83059-6>) developed an effective method for segmenting the human cochlea in clinical CT scans. That project, and indeed this one, was motivated by cochlear implants. The precise positioning of the implant within the cochlea can have a profound effect on the hearing outcome. And yet, when planning implantation surgery, it is difficult for the surgeon to take the individual's particular cochlear size and shape into account, given the low resolution of clinical CT images, and the difficulty in segmenting the cochlea from the surrounding temporal bone. While the previous project took a traditional, model-fitting approach to the segmentation task, other researchers have attempted machine learning approaches. See, for example, the work of Heutrik (<https://doi.org/10.1016/j.cmpb.2020.105387>) and Neeves (<https://doi.org/10.1038/s41598-020-80619-0>). The aim of this project is to implement a machine learning approach, and compare its performance with the traditional model-fitting approach. An important point to note is that this project's supervisor is not a machine learning expert. So students should not apply if they would require supervision on this aspect of the project. But the project may appeal to a competent machine learning practitioner who would like to apply their expertise to an interesting medical problem. Supervision will be available on all other aspects of the project, including provision and preparation of training and testing data, and evaluation against the model-fitting approach. This project is offered in collaboration with Manohar Bance and Chloe Swords at Addenbrooke's Hospital. The project would suit somebody who can read the Heutrik and Neeves papers, and would know how to re-implement their work. Please click on the "web link" above for an illustrated description of this project, and don't hesitate to get in touch if you would like me to explain the project in more detail.

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Professor Graham Treece 3 Projects

Meeting supervisors

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Supervisors are highly unlikely to offer you a project if they have not met you.

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Equally, you would not want to sign up to a project with a supervisor you have not met.

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Arrange to meet *at least three different supervisors*.

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These may be individual meetings or group get-togethers with pre-advertised times.

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Arrange to meet *at least three different supervisors*.

These may be individual meetings or group get-togethers with pre-advertised times.

Ask about supervision style, what you will *actually be doing*, research environment, chances of getting the project.

Factors to consider

It is not necessary to choose a project in your engineering area.

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You need to be excited about the project.

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It is not necessary to choose a project in your engineering area.

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You need to get on with the supervisor and have compatible working habits.

Factors to consider

It is not necessary to choose a project in your engineering area.

You need to be excited about the project.

You need to get on with the supervisor and have compatible working habits.

You need the time and space to be able to balance module and project work.

Factors to consider

It is not necessary to choose a project in your engineering area.

You need to be excited about the project.

You need to get on with the supervisor and have compatible working habits.

You need the time and space to be able to balance module and project work.

Be aware of any collaborations and confidentiality issues.

Chromium Web Browser Wed 9 Feb 16:14

IIB Project Choices - Chromium

iibprojects.eng.cam.ac.uk/fe/list/projects/2021

UNIVERSITY OF CAMBRIDGE Study at Cambridge About the University Research at Cambridge Quick links Search

Browse Your choices

Select this project (0 students already have)

F-ahg13-3 Machine learning for segmentation of cochlear CT scans

- Reference -> F-ahg13-3
- Supervisor -> Professor Andrew Gee
- Supervisor email -> ahg13@cam.ac.uk
- Contact location -> BNO-32
- Web link -> http://imi.eng.cam.ac.uk/~ahg/4proj_21.html
- This project has an external partner
Manohar Bance and Chloe Swords, Addenbrooke's Hospital

Project group topics:

F. Medical Imaging F. Bioengineering F. Machine learning F. Software Engineering and Computing

Engineering areas:

Information and Computer Engineering Bioengineering

Description

A previous 4th year project (<https://doi.org/10.1038/s41598-021-83059-6>) developed an effective method for segmenting the human cochlea in clinical CT scans. That project, and indeed this one, was motivated by cochlear implants. The precise positioning of the implant within the cochlea can have a profound effect on the hearing outcome. And yet, when planning implantation surgery, it is difficult for the surgeon to take the individual's particular cochlear size and shape into account, given the low resolution of clinical CT images, and the difficulty in segmenting the cochlea from the surrounding temporal bone. While the previous project took a traditional, model-fitting approach to the segmentation task, other researchers have attempted machine learning approaches. See, for example, the work of Heutrik (<https://doi.org/10.1016/j.cmpb.2020.105387>) and Neeves (<https://doi.org/10.1038/s41598-020-80619-0>). The aim of this project is to implement a machine learning approach, and compare its performance with the traditional model-fitting approach. An important point to note is that this project's supervisor is not a machine learning expert. So students should not apply if they would require supervision on this aspect of the project. But the project may appeal to a competent machine learning practitioner who would like to apply their expertise to an interesting medical problem. Supervision will be available on all other aspects of the project, including provision and preparation of training and testing data, and evaluation against the model-fitting approach. This project is offered in collaboration with Manohar Bance and Chloe Swords at Addenbrooke's Hospital. The project would suit somebody who can read the Heutrik and Neeves papers, and would know how to re-implement their work. Please click on the "web link" above for an illustrated description of this project, and don't hesitate to get in touch if you would like me to explain the project in more detail.

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Professor Graham Treece 3 Projects

Chromium Web Browser Wed 9 Feb 18:33

IIB Project Choices - Chromium

IIB Project Choices x +

← → ↻ iibprojects.eng.cam.ac.uk/fe/list/projects/2021

Google Work Play

UNIVERSITY OF CAMBRIDGE Study at Cambridge About the University Research at Cambridge Quick links Search

← Browse → Your choices 3 Remove this selection

☆ You have selected this project

F-ahg13-3 Machine learning for segmentation of cochlear CT scans

- Reference -> F-ahg13-3
- Supervisor -> Professor Andrew Gee
- Supervisor email -> ahg13@cam.ac.uk
- Contact location -> BNO-32
- Web link -> http://iib-eng.cam.ac.uk/~ahg/4proj_21.html
- This project has an external partner
Manohar Bance and Chloe Swords, Addenbrooke's Hospital

Project group topics:

F: Medical Imaging F: Bioengineering F: Machine learning

Engineering areas:

Information and Computer Engineering Bioengineering

Description

A previous 4th year project (<https://doi.org/10.1038/s41598-021-83059-4>) developed an effective method for segmenting the human cochlea in clinical CT scans. That project, and indeed this one, was motivated by cochlear implants. The precise positioning of the implant within the cochlea can have a profound effect on the hearing outcome. And yet, when planning implantation surgery, it is difficult for the surgeon to take the individual's particular cochlear size and shape into account, given the low resolution of clinical CT images, and the difficulty in segmenting the cochlea from the surrounding temporal bone. While the previous project took a traditional, model-fitting approach to the segmentation task, other researchers have attempted machine learning approaches. See, for example, the work of Heutrik (<https://doi.org/10.1016/j.cmpb.2020.105387>) and Neves (<https://doi.org/10.1038/s41598-020-82619-0>). The aim of this project is to implement a machine learning approach, and compare its performance with the traditional model-fitting approach. An important point to note is that this project's supervisor is not a machine learning expert. So students should not apply if they would require supervision on this aspect of the project. But the project may appeal to a competent machine learning practitioner who would like to apply their expertise to an interesting medical problem. Supervision will be available on all other aspects of the project, including provision and preparation of training and testing data, and evaluation against the model-fitting approach. This project is offered in collaboration with Manohar Bance and Chloe Swords at Addenbrooke's Hospital. The project would suit somebody who can read the Heutrik and Neves papers, and would know how to re-implement their work. Please click on the "web link" above for an illustrated description of this project, and don't hesitate to get in touch if you would like me to explain the project in more detail.

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Prof. Rodolphe Senezicbe 1 Project

The screenshot shows a web browser window displaying the 'COMET Part IIB Project Selection' page. The page header includes the University of Cambridge logo and navigation links. The main content area features a 'Browse projects' section with filters for 'Topics' and 'Areas'. The 'Machine learning' topic is selected, and the 'Bioengineering' area is highlighted. A list of project entries is shown, including 'F-ahg13-3: Machine learning for segmentation of cochlear CT scans' by Professor Andrew Gee.

Chromium Web Browser
Finding out about projects Wed 3 Feb 21:30
IIB Project Choices - Chromium

IIB Project Choices
iibprojects.eng.cam.ac.uk/fe/list-projects/2021

UNIVERSITY OF CAMBRIDGE
Study at Cambridge About the University Research at Cambridge
Quick links Search

COMET Part IIB Project Selection

IIB Projects (srp60)
Y4 Projects (2021 - 2022)
Your choices

Browse projects

All Group A Group B Group C Group D Group E Group F

Topics: Bioengineering Communications Computer Vision and Robotics Control Machine learning Medical Imaging Signal Processing

Software Engineering and Computing Speech Processing

Areas: Mechanical Engineering Energy, Sustainability and the Environment Aerospace and Aerothermal Engineering

Civil, Structural and Environmental Engineering Electrical and Electronic Engineering Information and Computer Engineering

Electrical and Information Sciences Instrumentation and Control Bioengineering General Engineering Expand All

Dr Somenath Bakshi	3 Projects
Professor Andrew Gee	1 Project
F-ahg13-3: Machine learning for segmentation of cochlear CT scans	
Dr Guillaume Hennequin	3 Projects
Dr Jossy Sayir	1 Project
sdolohé Sepulchre	1 Project

https://iibprojects.eng.cam.ac.uk/fe/list-projects/2021

COMET

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iib Project Choices | iibprojects.eng.cam.ac.uk/fe/choices

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COMET Part IIB Project Selection

IIB Projects | (1/160)

IIB project choices

Your choices are valid and will be submitted when selection closes.

1	C-gtp10-4	Improving Strategy Optimization for Track Cycling (C-GTP-2 clone)	☆	↓
2	F-op205-2	Reinforcement learning for fraud detection		🗑️ ↓ ↑
3	C-gtp10-4	Improving Strategy Optimization for Track Cycling (C-GTP-2 clone)		🗑️ ↓ ↑
4	F-ss40-1	Reinforcement Learning for Automation		🗑️ ↓ ↑
5	F-ahg13-3	Machine learning for segmentation of cochlear CT scans		🗑️ ↑

If you wish to upload a type (b) project you must first remove all your type (a) choices.
Your choices will be submitted automatically when the selection period closes.

UNIVERSITY OF CAMBRIDGE | Study at Cambridge | About the University | Research at Cambridge

Expressing your preferences

Nominate *between three and five* projects, from at least *three* different supervisors, in order of preference, between 12 and 23 May.

Expressing your preferences

Nominate *between three and five* projects, from at least *three* different supervisors, in order of preference, between 12 and 23 May.

You may amend your choices at any time up to 23 May.

Expressing your preferences

Nominate *between three and five* projects, from at least *three* different supervisors, in order of preference, between 12 and 23 May.

You may amend your choices at any time up to 23 May.

You must spread your choices between at least *three different supervisors*.

Expressing your preferences

Nominate *between three and five* projects, from at least *three* different supervisors, in order of preference, between 12 and 23 May.

You may amend your choices at any time up to 23 May.

You must spread your choices between at least *three different supervisors*.

Let supervisors know if you are willing to take on any of their other projects.

Allocation

Allocation is not automatic but by consultation amongst staff.

Allocation

Allocation is not automatic but by consultation amongst staff.

We aim to maximize global happiness!

Allocation

Allocation is not automatic but by consultation amongst staff.

We aim to maximize global happiness!

So you may not get your first choice if this would mean somebody else not getting any of their choices.

Allocation

Allocation is not automatic but by consultation amongst staff.

We aim to maximize global happiness!

So you may not get your first choice if this would mean somebody else not getting any of their choices.

A first allocation list will be posted online on Friday 30 May.

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Allocation is not automatic but by consultation amongst staff.

We aim to maximize global happiness!

So you may not get your first choice if this would mean somebody else not getting any of their choices.

A first allocation list will be posted online on Friday 30 May.

If you have been unlucky or did not make strategic choices, you should contact the coordinator of the group that is of most interest to you. They will assist you in finding a project.

Take-home points

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Any questions?