To: All MSc CS+ students

Subject: Summer Projects

Dear MSc(CS+) students,

This message contains information in five sections:

1. The timetable for your MSc project
2. Supervisor allocation
3. (Optional for all students) - Initial project ideas
4. (Optional for MSc(Data Science) students) - Indicating preferences
5. (Optional for MSc(Computing Science) students) – Indicating preferences

*[Information Security students do not need to indicate preferences, since the class size and the staff numbers already match]*

1. **The timetable for your MSc project**

MSc Projects start 17th June 2019 and last until 6th September 2019, for 12 weeks. There will be a 1-hour presentation regarding the conduct and execution of the projects on Monday 17th June 2019. Details will be announced later through Moodle. In case you are going to be away on this day, there is no need to worry as the slides will be shared on Moodle immediately after the meeting.

However, please take also note of the advice below regarding meeting with your supervisor before this date.

1. **Supervisor allocation**

We will be assigning a supervisor for you after the exams – on or around 20th May: this information will be available on the [studentltc.dcs.gla.ac.uk](http://studentltc.dcs.gla.ac.uk) site.

All students will have an allocated academic supervisor, who will guide you through the project process. All supervisors are experienced in project supervision and will be able to ensure that you are supported in undertaking an appropriate project.

We would recommend you to meet your allocated supervisor after 20th May so that you can discuss the project before the start on 17th June. You are welcome to discuss your own ideas and interests with your supervisor.

**So, for now, you need do nothing more than simply focus on your exams – good luck!**

1. **(Optional for all students) - Initial project ideas**

If you already have a specific idea you would like to work in for your project, please email Joemon Jose ([joemon.jose@glasgow.ac.uk](mailto:joemon.jose@glasgow.ac.uk)) **before 5pm Friday 5th April.**

Your message should:

* Use the subject line: **[CS Proposal]** **<your student number>**
* Provide a title
* Include a paragraph (maximum 100 words) describing the ideas you have for a project
* (**Optional**) Indicate whether there is a specific member of staff who you think might be suitable to supervise you. You do not need to discuss this with the member of staff in advance.

Please note that:

* **This is an entirely optional process,** intended only for those students who already have an idea. Please do not feel anxious if you do not take part in this process (and please do not send us hastily-put-together poorly-formed ideas).
* There is no guarantee that you will be supervised by the member(s) of staff you name, though we will try our best to accommodate your request. This is because we need to take into account the different supervision loads of different members of staff.
* There is no guarantee that you will do exactly the project you describe: the exact nature of your project will be decided by your supervisor. This is because our experience shows that student-defined projects can often be over- or under-ambitious for an MSc project.

1. **(Optional for MSc(Data Science) students) - Indicating preferences**

Optionally, you may indicate a preferred area for your project from research topics within the IDA: Inference, Data, and Analysis group

(<https://www.gla.ac.uk/schools/computing/research/researchsections/ida-section/>)

If you wish to do this, pick any **two** of the following topics:

1. Machine Learning & mathematical modelling
2. Vision and Robotics
3. Information retrieval
4. Data Systems

Email Joemon Jose ([joemon.jose@glasgow.ac.uk](mailto:joemon.jose@glasgow.ac.uk)) **before 5pm Friday 12th April.**

Your message should:

* Use the subject line: **[DS Topics]** **MSc Project choices**
* State the two topics (numbers NOT actual names) in the body of the email
  + For example,
    - **your student number** , 2, 4

We cannot give any guarantees that you will be allocated to a member of staff whose primary research is in these topics, since we need to take into account the workload of each individual member of staff, but we will try our best.

1. **Optional for MSc(Computing Science) students) – Indicating preferences**

Optionally, you may indicate a preferred area for your project from research topics within the following three research groups:

* FATA: Formal Analysis, Theory and Algorithms (<https://www.gla.ac.uk/schools/computing/research/researchsections/fata-section/>)
* GIST: Glasgow Interactive SysTems (<https://www.gla.ac.uk/schools/computing/research/researchsections/gist-section/>)
* GLASS: GLAsgow Systems Section (<https://www.gla.ac.uk/schools/computing/research/researchsections/systems-section/>)
* CSSE: Computing Science Education (<https://www.gla.ac.uk/schools/computing/research/researchsections/cseducation/>

Please note that MSc(Computing Science) students cannot indicate preference for any of the IDA topics, since the IDA staff are all required for supervising MSc(Data Science) students.

If you wish to do this, pick any **four** of the following topics:

1. Algorithms and combinatorial optimization (FATA)
2. Process algebras and bigraphs (FATA)
3. Programming languages, type systems and session types (FATA)
4. Parallel Computation (GLASS)
5. Distributed Systems (GLASS)
6. Networking (GLASS)
7. Software Engineering Research (GLASS)
8. Mobile and Ubiquitous Computing (GIST)
9. Data Visualisation (GIST)
10. Interaction with interfaces and devices (GIST)
11. Human Robot Interaction; Social interaction between humans and machines (GIST)
12. Computing Science Education (CSEE)

Email Joemon Jose ([joemon.jose@glasgow.ac.uk](mailto:joemon.jose@glasgow.ac.uk)) **before 5pm Friday 12th April.**

Your message should:

* Use the subject line: **[CS Topics]** **MSc Project choices**
* State your chosen four topics (numbers NOT actual names) in the body of the email
  + For example,
    - **your student number** , 1, 5, 8, 10

We cannot give any guarantees that you will be allocated to a member of staff whose primary research is in these topics, since we need to take into account the workload of each individual member of staff, but we will try our best.