

# CS7NS5, CSU44032

## Security & Privacy

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Course Materials:

<https://down.dsg.cs.tcd.ie/cs7053>

<https://github.com/sftcd/cs7053>

# Administrivia

- Lectures will be face-to-face (yay!):
  - Monday 1600-1750, Lloyd building LB01
  - Wednesday 1700-1750, Lloyd building LB04
- Dates (don't be surprised if I get this wrong;-)
  - Today → April 15<sup>th</sup>
  - Reading week: March 7<sup>th</sup> → 11<sup>th</sup>
- In theory, I may have some actual real-world travel during term, more info closer to time if that actually happens, but likely I'll arrange a guest lecture or do an online lecture for those slots

# Blackboard and Recording

- As some people will need to be remote, for some slots, there are blackboard collaborate ultra slots for the lectures so, if necessary, you can join from home or wherever
  - [https://tcd.blackboard.com/webapps/blackboard/content/listContent.jsp?course\\_id=\\_71845\\_1&content\\_id=\\_2144849\\_1](https://tcd.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_71845_1&content_id=_2144849_1)
- Lectures will be recorded, recordings available via Blackboard
  - If you object to recording, then fire ahead...
- Reminder to self: hit the “record” button

# Office Hours

- I'll be hanging out in the “office hours” room on BB collab for about half an hour each week (can be more time if needed)
- Feel free to jump in and ask questions/chat about anything related to the module
  - Yeah, it'll be mostly about assignments;-)
- Default slot: Tuesday 1400 but as that might not suit everyone, please fill in your available slots at the poll:
  - <https://dudle.inf.tu-dresden.de/pickanofficehour/>
  - If some other slot is way better than Tuesday 1400 we can swap
  - If nothing at all is good we live with that but can swap after reading week

# Students Talking to One Another

- In Blackboard I see 157 “users” for this module
- In the TCD student system, I see:
  - 107 registered for CS7NS5
  - 24 registered for CSU44032
- I have no idea if anyone is forced to be remote, but if there are such students, then you may benefit from some messaging solution...
  - Send me email if you're in that position

# Assessment

- 20% for 2 in-term assignments
  - Deadline: end of term
- 80% for exam
  - 2 hours, do 3 of 4 questions
- Old exams at:
  - <https://down.dsg.cs.tcd.ie/old-exams/>
- If we get forced to not hold sit-down exams again this year, then we'll do what we did last year (exam replacement assignments)

# In-term Assignments

- Assignment#1, 15%: Security & Privacy Considerations for your FYP/Dissertation
  - 3-4 pages usually; should be usable in your dissertation/FYP
  - Discuss the security & privacy issues of your dissertation/FYP topic
  - See RFCs 3552, 6973 and W3C tech report on sec/privacy considerations  
<https://tools.ietf.org/html/rfc3552>  
<https://tools.ietf.org/html/rfc6973>  
<https://www.w3.org/TR/security-privacy-questionnaire/>
- Assignment#2, 5%: Security Incident:
  - 1 page describing a significant incident that happens **during the course** saying why its significant
  - Or, a github PR for the course materials that I accept

# Course Outline

- Background and Introductory concepts
- Cryptography
  - So you can understand how that's used in...
- Core security and privacy protocols (esp TLS)
- Other stuff that's interesting as time permits



# Questions?