

University of Toronto **Engineering**



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

DEEP 2014 – Cloud Computing & Security

Module 0 – Welcome & Outline of the Week



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Module 0 – Welcome & Outline of the Week

- Welcome to DEEP!
- Welcome to Cloud Computing & Computer Security
- What we'll be covering:
 - *Day 1: What is cloud computing? How computing in general works, the WWW behind-the-scenes, programming for the WWW*
 - *Day 2: Parallel and HPC programming, distributed computing*
 - *Day 3: All about security!*
 - *Day 4: Time to work on final project, additional security exercises, SciNet tour!*
 - *Day 5: Project hackathon, hacking the hackathon*



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Lunchtime activities

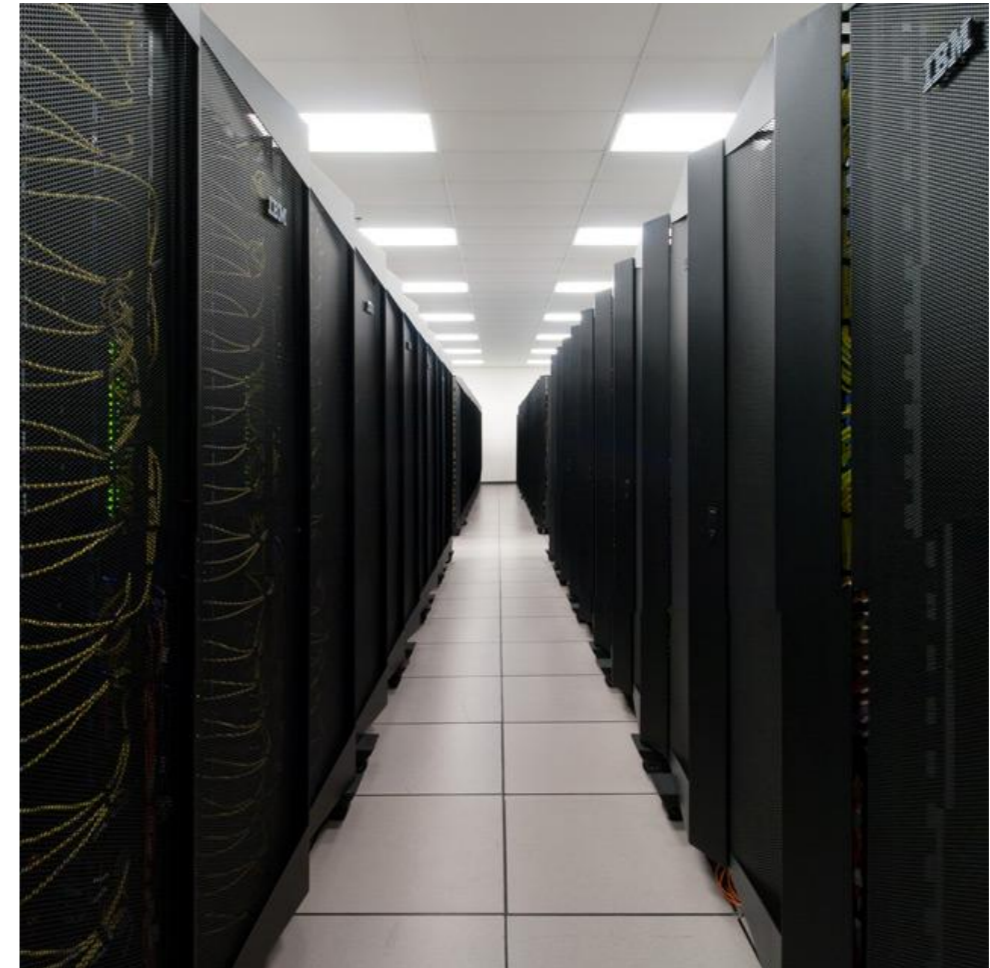
- I'll be running **optional** lunchtime activities throughout the week
- They're in the 2nd half of lunch, 12:30-13:00
- If you're coming, **eat first!**
- These are related to the course, but are not a part of it; you do not need to attend, and you can bring friends who are not a part of the course
- Schedule:
 - *Monday: None*
 - *Tuesday: Social engineering*
 - *Wednesday: Physical Security*
 - *Thursday: N. A. (SciNet)*
 - *Friday: By request*



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On Thursday, we're going on a tour of SciNet

- We will leave at 11:00 and return by 15:30
- If you are later than 11:00, you'll miss it!
- We will be at the datacentre in Vaughan, so will not be downtown for lunch
- Lunch will be provided, and will be pizza
- Show of hands for
 - *Peperonni*
 - *Cheese*
 - *Vegetable*



[1]



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Classroom procedures & etiquette

- This is a summer programme;
- BUT it's also a serious one
- NO FOOD IN THE LAB
- I do occasionally have seizures
- We will be videotaped for a part of the course. Who has consent?
- You do not have to raise your hand to ask a question
 - *But you may, and I'll call on those who are patient first*
 - *Please wait to an appropriate break to call out a question*
- Quick survey:
 - *Who's new to DEEP?*
 - *Who's new to Toronto?*
 - *Who's new to programming? Python?*



Module 0 – Welcome & Outline of the Week

Who is that weirdo at the front of the room?

- My name is Billy Graydon
- I come from a long line of Billy Graydons
- I'm going into my 3rd year in Computer Engineering at U of T
- I've been working on the Connected Vehicles and Smart Transportation project
 - *Basically writing programmes to run on large computers to predict congestion*
- What do I do otherwise?



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What about you?

- Name
 - Where you're from
 - An interesting fact about you
 - A boring fact about you
 - What you want to get out of this course
 - What someone else said that you want to learn more about
 - Anything else you want to rant about
-
- After you're done, Wendi will give you your login information
 - *DON'T LOSE IT*



Thanks!

Questions?

Email: b.graydon@ieee.org



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