Welcome to COMP80122

• CDT and PhD students take 3 research seminars:
  – COMP80131 - P2 - Barry & Goran
  – COMP80122 - P3 - Carole & me
  – COMP80142 - P4 - Bijan & Renate

• ...plus 1 session in November 2016:
  – as preparation for research symposium
  – ...for which you wrote critiques
  – ...as a reflection on scientific presentations
Before we start...

- if you weren’t here in November
- and/or you didn’t submit any critiques yet

**speak to me after at 11:45**

- ...if you don’t, you can’t pass COMP80122
Before we start…schedule:

• First 2 weeks:
  1. Discussion of Research Symposium Presentations
  2. More about Storylines, Research Hypotheses, etc
  3. Organisation & Practical Guidelines (coping with nerves)
  4. Handling the Literature
  5. You and your supervisor & tidying up of organisation

• …then
  • split you in 4 groups (2 with Carole, 2 with me)
  • you give a 15 minute presentation about your research
  • …which we will discuss in all detail
  ➡ active participation is mandatory
  ➡ start preparing your presentation now
Your Presentation in COMP80122

- an opportunity for you to reflect on your role as presenter
- pick an approach in a *safe* environment
  - *not* your End-of-Year examination
  - only for your group
- with loads of (hopefully helpful) feedback
- start into a *life-long learning experience*
  - constant reflection/observations/thoughts/improvements

...as a group member, more opportunities to
- discuss approaches to presentation
- reflect on communication of research
- learn more about research in CS
Communication of CS Research

- Does it matter?
- Do you need to be able to communicate your contributions?
  - Results can speak for themselves!
- Why (not)?
- A presentation is a monologue no/little space for
  - questions
  - clarifications
  - explanations
Communication of CS Research

• Does it matter?
• Do you need to be able to communicate your contributions?
  – Results can speak for themselves!
• Why (not)?
The Three Pillars

The story
• story lines
• clarity
• level
• timing
• use of terminology
• ...

The speaker
• body language
  – focus
• preparedness
• voice
  – volume
  – speed
  – clarity
• nerves
• ...

The slides
• bullet lists
• graphics
• fonts
• highlights
• ...

Effects on you/audience by choices to these? What was helpful to get message across?
Storyline: relevant questions

• Setting the scene:
  – what kind of problem is addressed?
  – why is that interesting/relevant?
• Focus:
  – your Research Hypothesis/Question?
• Methodology/approach/work done:
  – what have you done/are you doing?
• Context:
  – how does this relate to other people’s work?
• Contributions made:
  – what is the outcome of the work done?
  – what are the new insights gained?
  – how do these answer research hypothesis/question?
• Outlook/next steps/open questions?
Let’s try this out!
Slides

• support storyline
  – give structure
  – make things more clear
  – illustrations
  – e.g., “3 advantages”
  – e.g., graphics

• should **not** distract from the speaker!

See Session 1
The Speaker - Stage Presence

- Stage presence, body language, voice,…
  - give context/mode, e.g.,
    - surprise
    - slog
    - hard work
  - help audience follow talk
  - support understanding
  - can make a talk
    - entertaining
    - enjoyable
      - or
    - annoying
    - hard work
    - boring
    - impossible to understand

See Session 1
Discussion of Research Symposium Presentations
People and sites mentioned

- **Videolectures** for numerous recordings of presentations
  - http://videolectures.net/
- **Dave Gorman** for great use of slides
  - http://www.davegorman.com/
- **Hans Rosling** for talking nicely & clearly with a foreign accent and for some more examples of
  - good use of graphics
  - great entertainment
  - great communication of tricky, technical statistics!
  - e.g., https://www.ted.com/talks/hans_rosling_shows_the_best_stats_you_ve_ever_seen