



IA377

IA377 - FEEC/Unicamp Seminar in Computer Engineering

Prof. Christian Rothenberg (DCA/FEEC/UNICAMP)
chesteve@unicamp.br

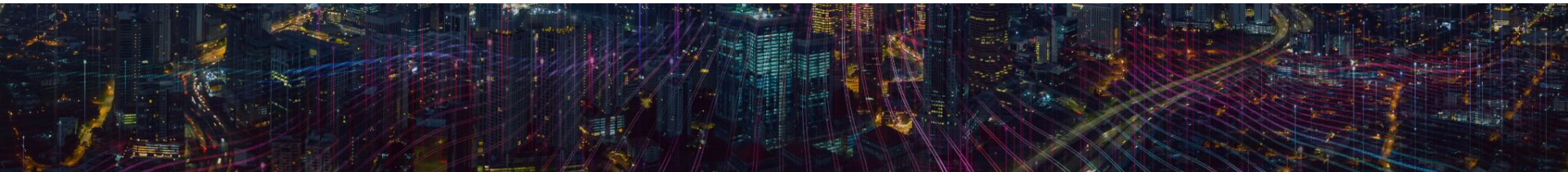




IA377

Class Organization

March-02, 2023

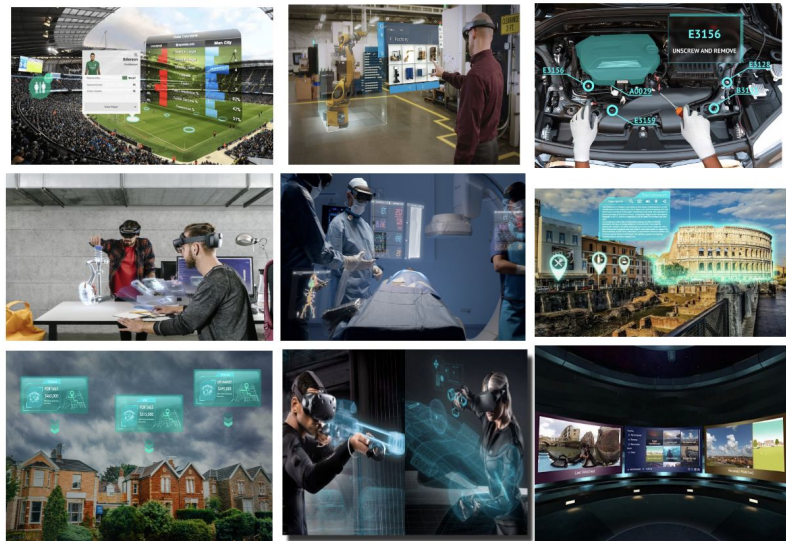


Agenda

- Organization
- Tentative Topics
- Evaluation
- Schedule
- Round of introductions

Tentative Topics

- 5G roll-out and initiatives (e.g. Open5G@Campinas)
- 6G (Beyond 5G) vision and R&D initiatives (e.g., 6G Brazil, EU SNS projects)
- FAPESP Engineering Research Centers (e.g., C4AI, BioS, SMARTNESS 2030)
- Digital Twins
- Intent-Based Networking (IBN)
- Metaverse
- XR (augmented reality - AR, virtual reality - VR, and mixed reality - MR)
- Blockchain
- AI/ML
- Quantum Communications & Computing
- OpenRAN: Disaggregation of Mobile Networks
- Computing and Networking Research for Data Intensive Sciences
- Open Source developments and ecosystems



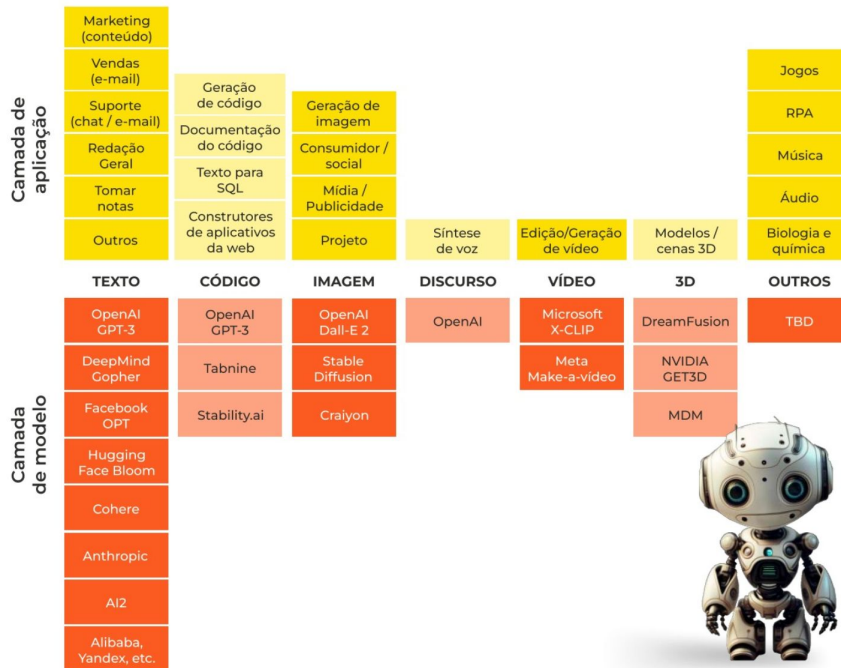
Evaluation

- Standard attendance class frequency rules ($> 75\%$)
- Deliverables for each Seminar (Classroom)
 - Before: Literature review of the seminar theme
 - After: “Summary” of the talk
- Final Class Project
 - Select your preferred seminar and use to exercise an AI tool of your choice
- Final Grade = $0.8 \times \text{Avg. Seminar grades (50\% Bef., 50\% Aft.)} + 0.2 \times \text{Final Class Project}$

Final Class Project

Application of one seminar theme in one (ore more) generative AI tool(s) of your choice

- <https://join.bluewillow.ai/>
- <https://app.wand.ai/>
- <https://www.gptforslides.app/>
- <https://www.rezi.ai>
- <https://www.compose.ai/>
- <https://glasp.co/>
- <https://www.cogram.com/>
- <https://excelformulabot.com/>
- <https://www.slidesai.io/>
- <https://quillbot.com/>
- <https://www.akkio.com/>
- more?



Fonte: Sequoia | "The Generative AI Application Landscape" | Elaboração @snaq.co

Schedule



Schedule (Tentative)

<https://ia377-feec-unicamp.github.io/schedule/>

Classes

Literature Review: Methodology and Best Practices - 09 March 2023 - Prof. Christian Rothenberg

Welcome to IA377 - 02 March 2023 - Prof. Christian Rothenberg

Seminars

Hot Topics in Computer Networking - 16 March 2023 - Prof. Christian Rothenberg

Calendar

Add the seminar schedule to your [Google Calendar](#) or [iCal](#) application.

IA377: FEEC/Unicamp Seminar in Computer Engineering

Today < > March 2023							Print	Week	Month	Agenda
Mon	Tue	Wed	Thu	Fri	Sat	Sun				
27	28	Mar 1	2	3	4	5				
			13:00 Welcome Class							
6	7	8	9	10	11	12				
			13:00 Literature Rev							
13	14	15	16	17	18	19				
			13:00 Seminar: Hot							
20	21	22	23	24	25	26				
			13:00 IA377 - FEEC/							
27	28	29	30	31	Apr 1	2				
			13:00 IA377 - FEEC/							

Actions

- Verify access to Classroom
- Sign Class Mailing List
- Add the seminar schedule to your Google Calendar or iCal application

Further contributions to IA377

- Help with Dissemination
 - Oral, social media (Youtube, LinkedIn, etc.), etc.
- Sponsors for Coffee or Lunch?
- Any other ideas to boost this new class towards a series of distinguished lectures?

Presentation Round

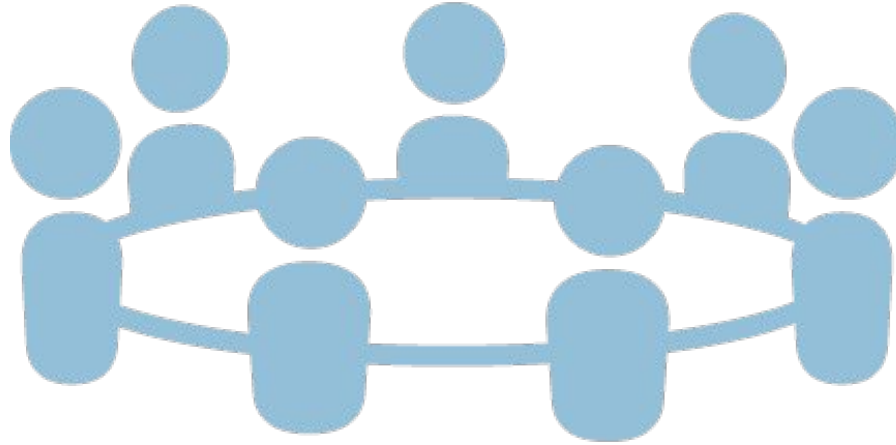


Image source: <https://icon-library.com/icon/round-table-icon-25.htm>