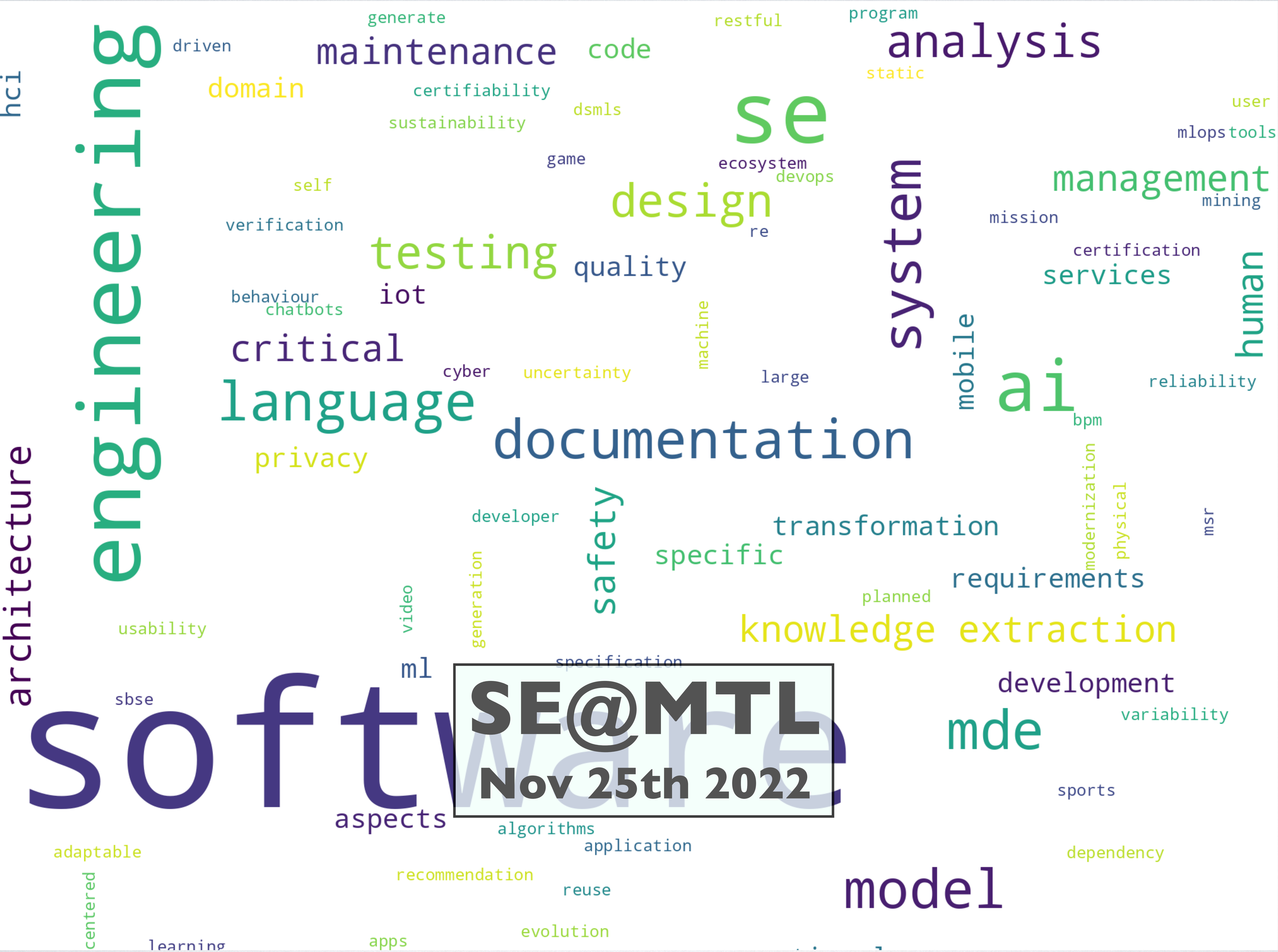
SE@MTL
Nov 25th 2022
software
engineering
architecture
hci
driven
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maintenance
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restful
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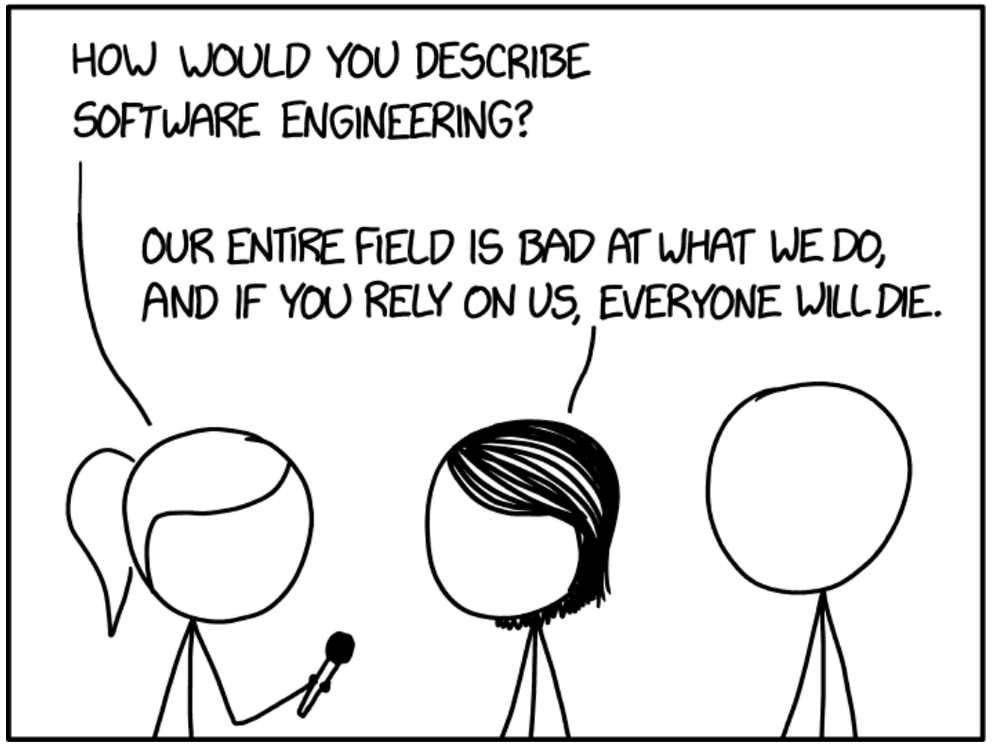
analysis
static
domain
certifiability
dsmls
se
user
mlops
tools
sustainability
game
ecosystem
devops
management
mining
self
design
mission
verification
re
testing
quality
certification
services
system
human
behaviour
chatbots
iot
machine
mobile
critical
cyber
uncertainty
large
ai
reliability
language
documentation
bpm
privacy
modernization
physical
msr
developer
safety
transformation
specific
requirements
planned
video
generation
knowledge extraction
usability
specification
ml
development
sbse
mde
variability
sports
aspects
algorithms
application
adaptable
dependency
recommendation
reuse
model
centered
learning
apps
evolution

ON THE MENU

- 3:30-3:55: **Keynote by Martin Robillard:**
  Staying Alive: Managing an Open-Source Project in a University Context
- 3:55-4:00: **Lightning talk 1: Aren Babikian**
  Concretization of Abstract Traffic Scene Specification
- 4:00-4:05: **Lightning talk 2: Marianick Benoit**
  Experience of being a woman in SE
- 4:05-4:10: **Lightning talk 3: Mathieu Nassif**
  Software Documentation
- 4:10-4:20: **Common talk: COMP-361 SE Undergrads**
  Real-world SE troubles of young engineers
- 4:20-5:00: **Coffee Break** + Thematic **Speed Dating**
- 5:00-5:30: **Social Event**



KEYNOTE

Martin Robillard

Staying Alive: Managing an Open-Source Project in a University Context

LIGHTNING TALK I

Aren Babikian

Concretization of Abstract Traffic Scene Specification

LIGHTNING TALK 2

Marianick Benoit

Experience of being a woman in SE

LIGHTNING TALK 3

Mathieu Nassif

Software Documentation

COMMON TALK

COMP-361 (Software Engineering Project) Undergrads

Real-world SE troubles of young engineers

COURSE BACKGROUND

- ~100 Students, Teams of 6
- Simulation of SE project, 8 Milestones, MDE
- Board Game Context
  - Informal Specifications
- Huge technological Stack
  - Networking: Client Server + REST
  - Build Systems, Git, Linters, Containers
  - Free frontend choice

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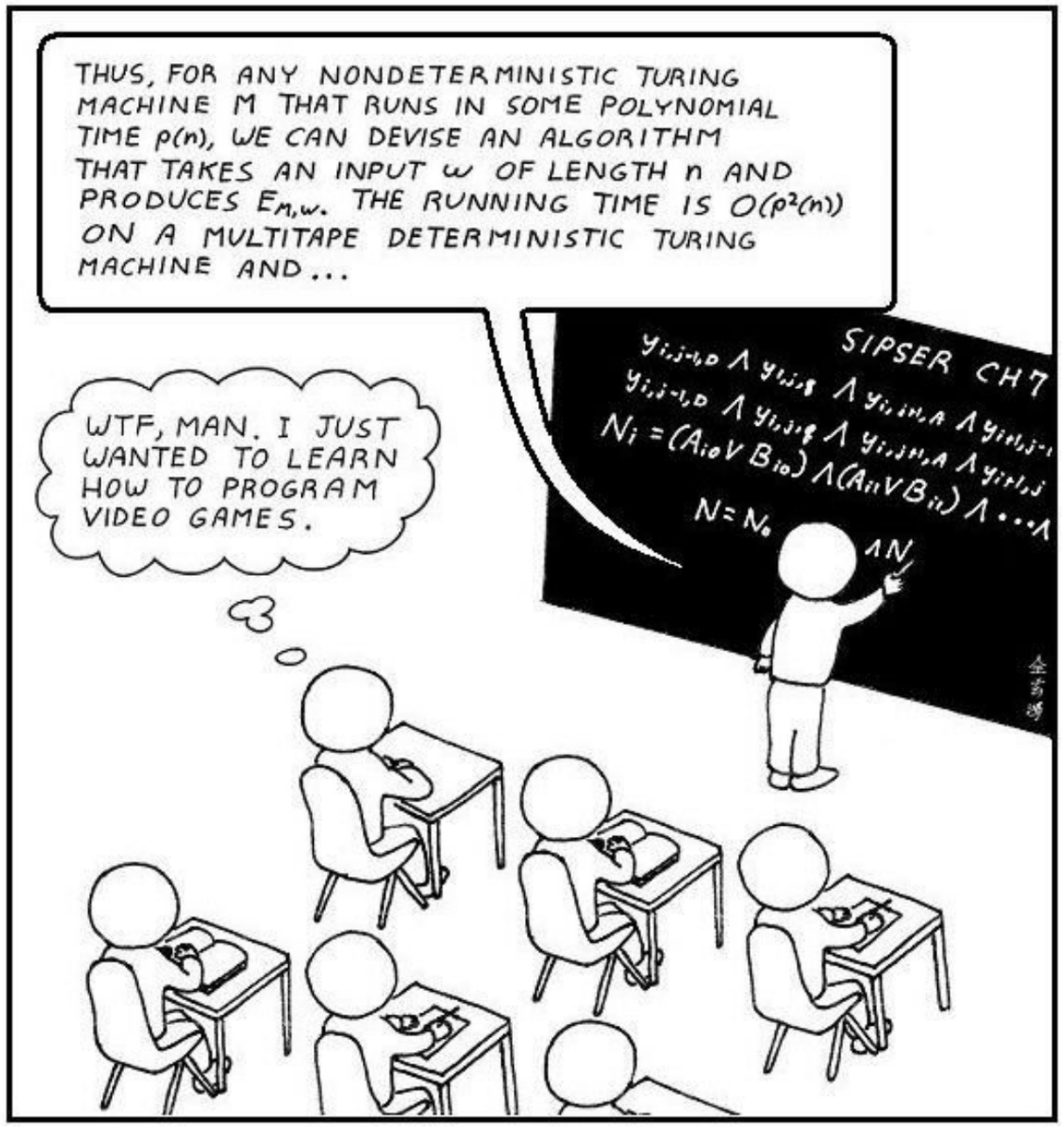

MILESTONES

- M1: User Interface Sketch
- M2: Use Case Models
- M3: User Interface Demo
- M4: Requirements Models
- M5: Network Demo
- M6: Design Models
- M7: Demo
- M8: Acceptance Test

CHALLENGES

- Team Diversity (Skills & Experience)
- Communication & Deadlines
- Technology Stack
  - Git
  - REST
  - Maven + Checkstyle

SPEED DATING

TBA