



ACM Generative AI Task Force Special Session: Teaching with Generative AI: Tools You Can Use Today

Paul Denny, Juho Leinonen, Viraj Kumar, Steven Gordon,
Anastasiia Birillo, Stephen MacNeil, Kristin Stephens-Martinez,
Mark Liffiton, David H. Smith IV, Sverrir Thorgeirsson





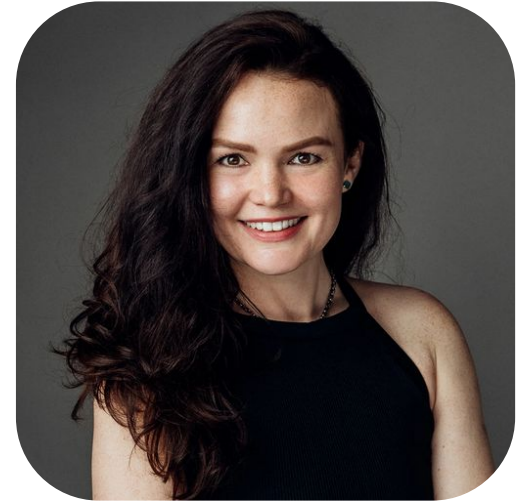
Anastasiia Birillo

Lead of the session
All **general** questions



Aleksei Rostovskii

Tech lead of the session
All **tech** questions

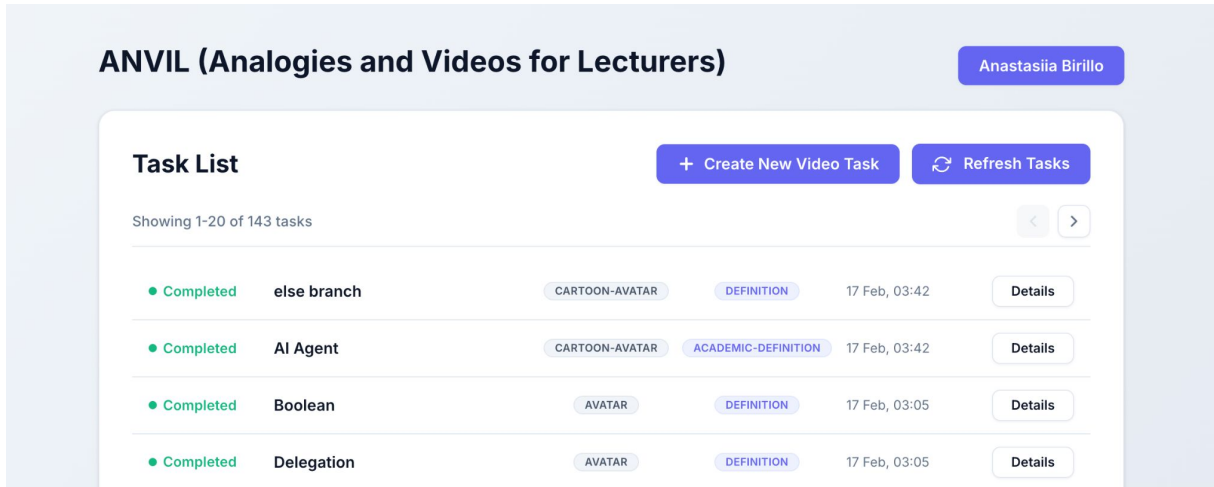


Ksenia Shneyveys

Support lead of the session
All **support** questions

ANVIL (ANalogies and VIdeos for Lecturers)

A **multimodal generative** system that **automates** the end-to-end production of multimodal, **analogy-based** instructional content for **CS concepts**



The screenshot displays the ANVIL web interface. At the top, the title "ANVIL (Analogies and Videos for Lecturers)" is shown next to the user name "Anastasiia Birillo". Below this is a "Task List" section with two buttons: "+ Create New Video Task" and "Refresh Tasks". The interface indicates "Showing 1-20 of 143 tasks" and includes navigation arrows. A table lists four completed tasks, each with a status indicator, a title, associated tags, a timestamp, and a "Details" button.

| Status | Task Title | Tags | Timestamp | Action |
|-----------|-------------|-------------------------------------|---------------|---------|
| Completed | else branch | CARTOON-AVATAR, DEFINITION | 17 Feb, 03:42 | Details |
| Completed | AI Agent | CARTOON-AVATAR, ACADEMIC-DEFINITION | 17 Feb, 03:42 | Details |
| Completed | Boolean | AVATAR, DEFINITION | 17 Feb, 03:05 | Details |
| Completed | Delegation | AVATAR, DEFINITION | 17 Feb, 03:05 | Details |

<https://anvil.labs.jb.gg/>

ANVIL as a **collaborator**,
not an autopilot (yet)

Adoption might still
require **manual** work

Task Details

Anastasia Birillo

Generated Video

toString() prints a readable summary.

```
User()  
name = "Ada"  
age = 12
```

==
equals()

```
User()  
name = "Ada"  
age = 12
```

```
hashCode() = 987654
```

```
toString() -> User(name="Ada", age=12)
```

▶ 1:33 / 2:03

🔊 🗄️ ⋮

<https://anvil.labs.jb.gg/>

ANVIL as a **collaborator**,
not an autopilot (yet)

Adoption might still
require **manual** work

Make "hidden" processes
easier to understand

Different students may
need **different** explanations

Task Details

Anastasia Birillo

Generated Video

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1:33 / 2:03

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DEMO TIME!

DEMO TIME!

Bringing Interactive Learning to Industrial IDEs: Kotlin Notebook and LLM-Generated Exercises (Lightning Talks #2)



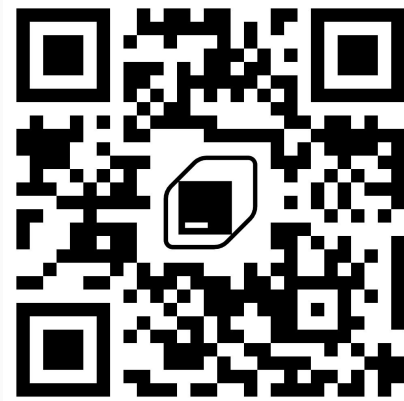
Fri 20 Feb 2026



10:50 - 11:00



Meeting Room 241-242



ANVIL

Let's collaborate!

- Classroom evaluation
- Quality improvement
- *Your ideas here!!*

ANVIL questions: y.noviello@tudelft.nl

Other questions: edu-research-team@jetbrains.com

