Towards the Creation of Customized Teaching Scenarios to Support Classroom Interaction

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**Motivation**

Activate students in traditional or live-stream lectures using their personal mobile devices
- existing systems often have predefined functional scopes due to single underlying didactic concept(s)
  - **Goal:** The system can adapt its functionality to the lecturer

**The stARS approach [2]**

Scenario-tailored Audience Response System
- create customized workflows of interactive activities [3]
- support different kind of interaction:
  - lecturer – student
  - student – lecturer
  - student – student

https://stars-project.com/

**The lecturer view**

Manage workflow

**The student view**

Interact using currently active function blocks with their individual settings

answer feedback is shown

**Create custom scenarios**

custom setting

**Ongoing and next steps**

Graphical editor is still the main critical user interface:
- Support the starting phase (e.g., show an overlay),
- Modeling complex scenarios (e.g., import, export)

The next steps will be as follows:
- Evaluate stARS in traditional / live-stream scenarios
- Extend by advanced functionalities ➔ CSEE&T Poster

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