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Try it out for yourself

VIRTUALIZING PHOTONICS

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digiPHOTON

M.Sc. Photonics Program



- An all-English, two-year Master's Degree
- Students with different backgrounds and nationalities
- About 60-70 Freshmen every October
- A limited number of slots in an adapted online course that allows to begin studies online
- **Majority of students are on-site but a significant number remain online**

Preparation

- ❖ Kickstarter Course
- ❖ Prep-Course Math

1st Semester

- ✓ Lectures (Adjustment, Fundamentals)
- ❖ Experimental Lab Course
- ❖ Socializing and Community Building

2nd Semester

- ✓ Lectures (Fundamentals, Specialization)
- Internship

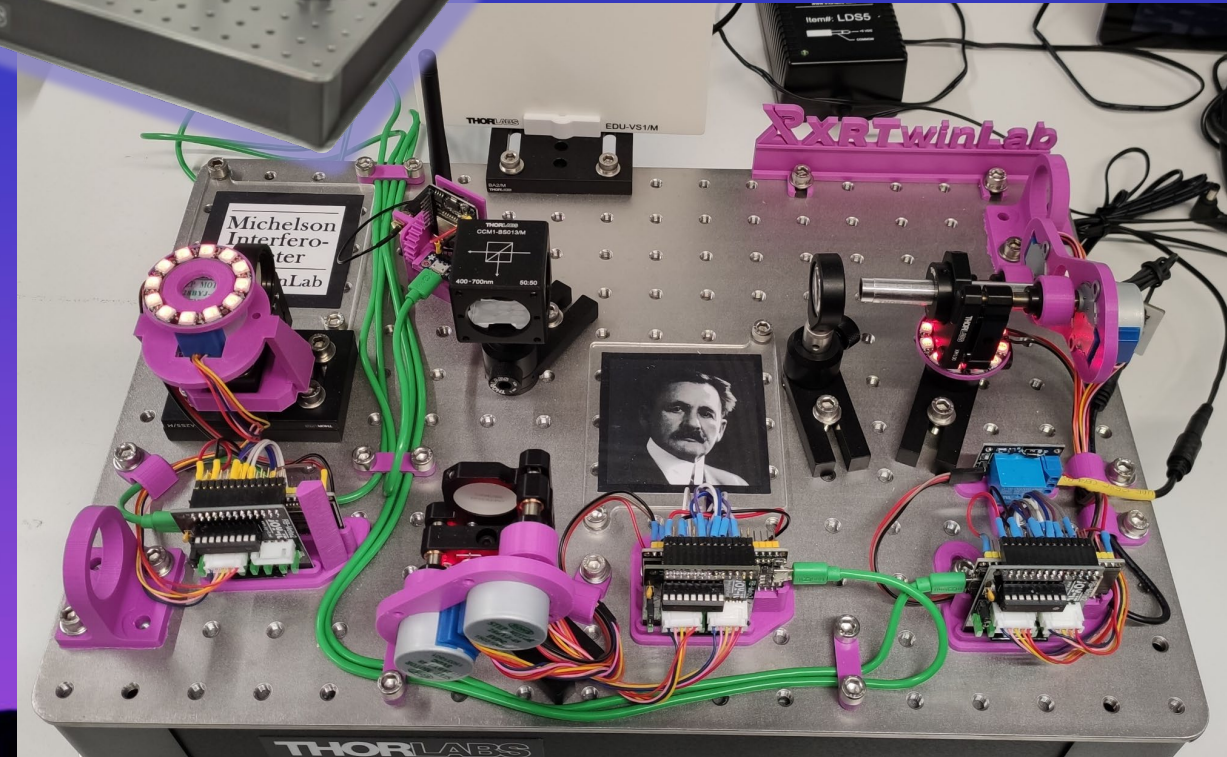
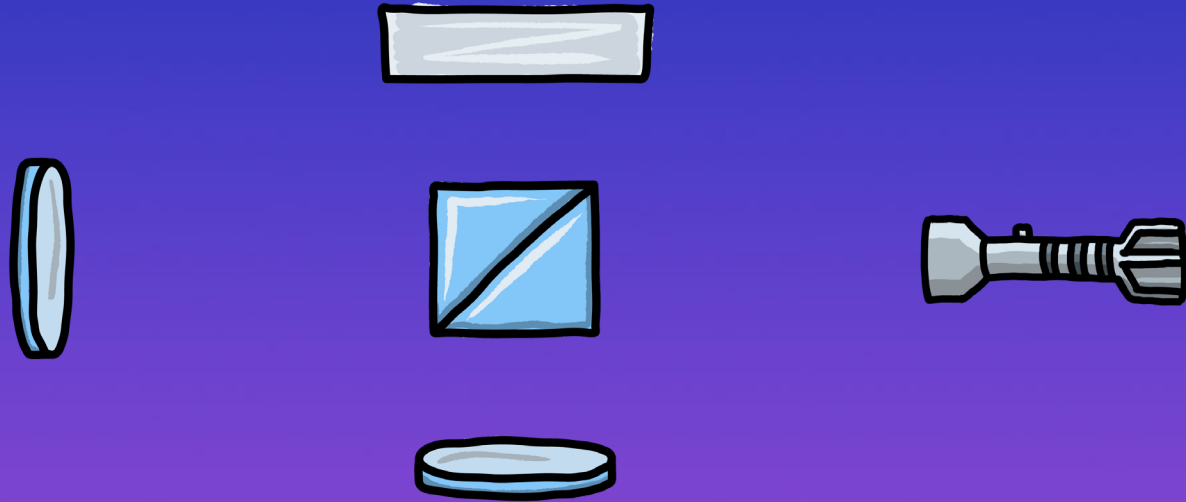
3rd Semester

- ✓ Lectures (Specialization)
- Research Lab

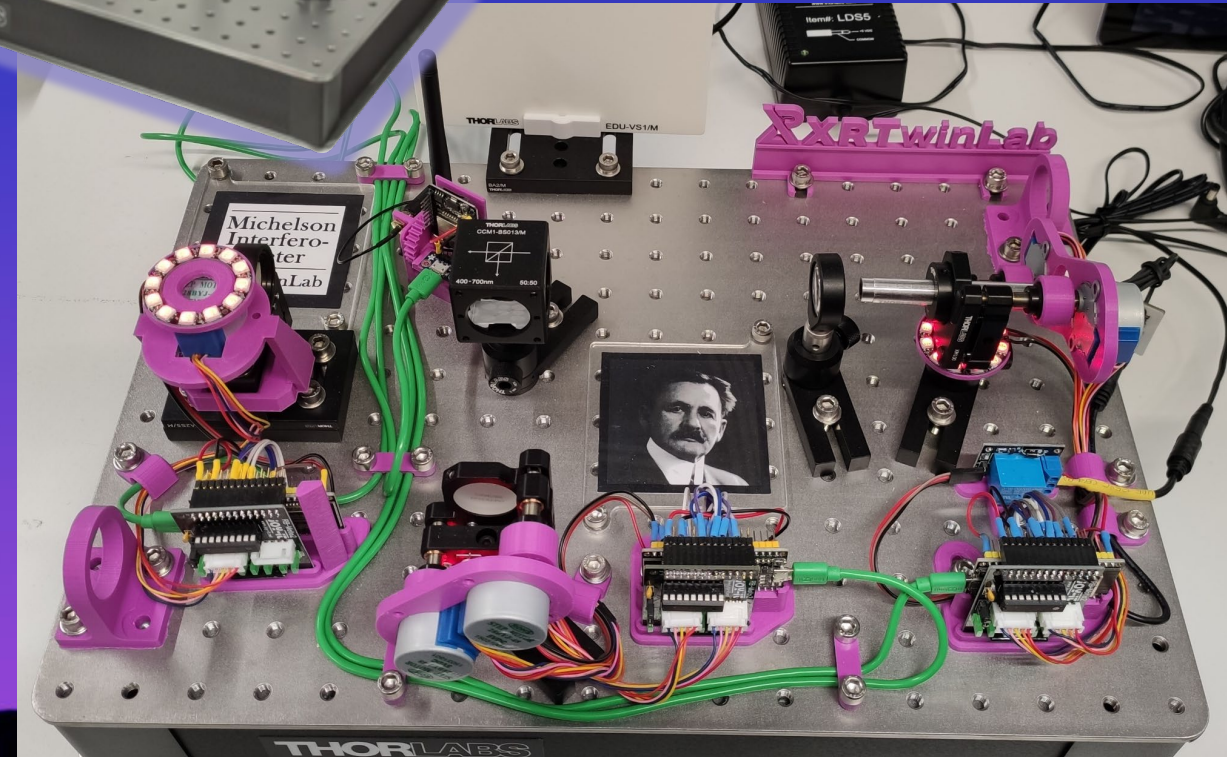
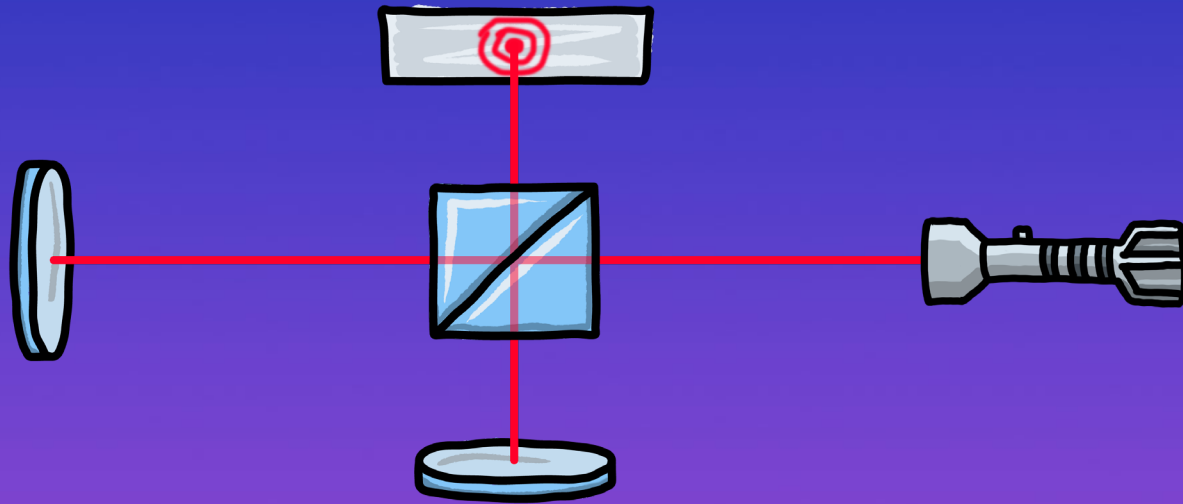
Final Semester

- Master's Thesis

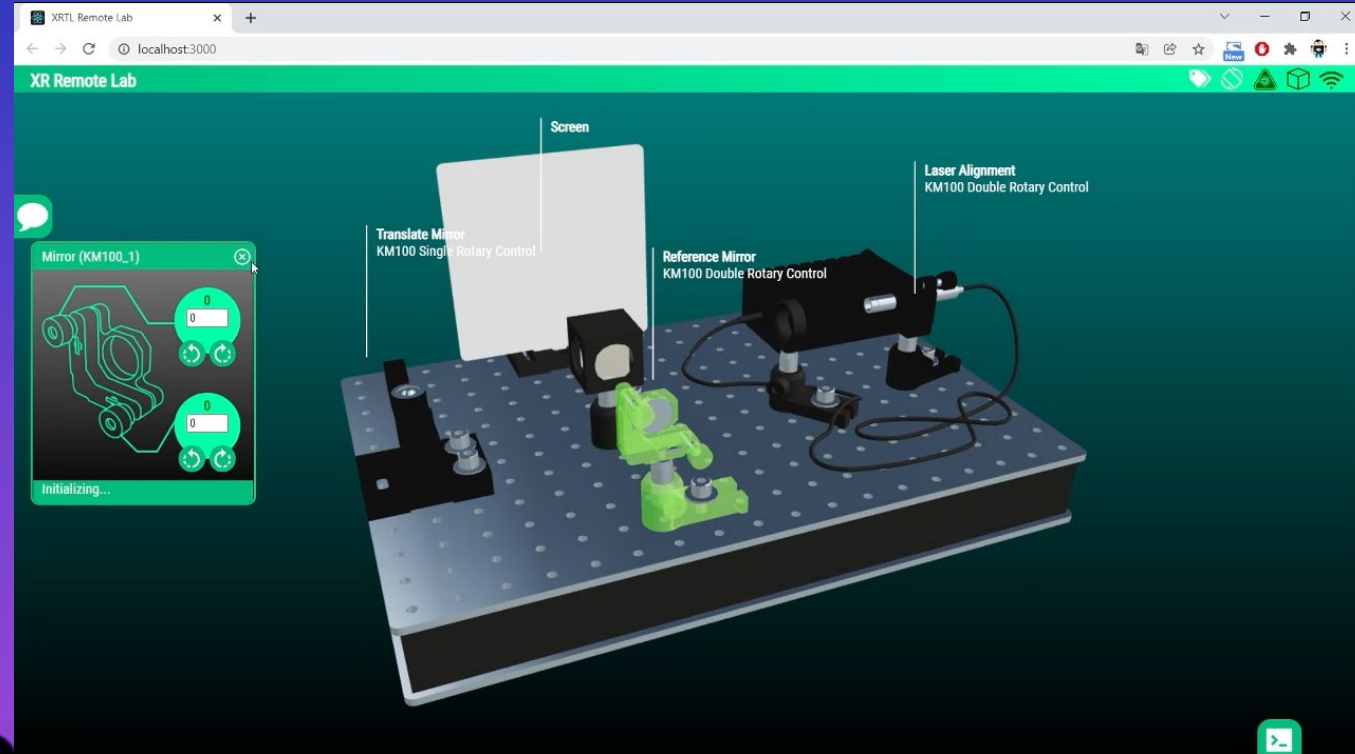
- ✓ Organized by the Professors (usually via streaming)
- Organized by the Various Scientific Working Groups
- ❖ Focus of the Digitalization Team



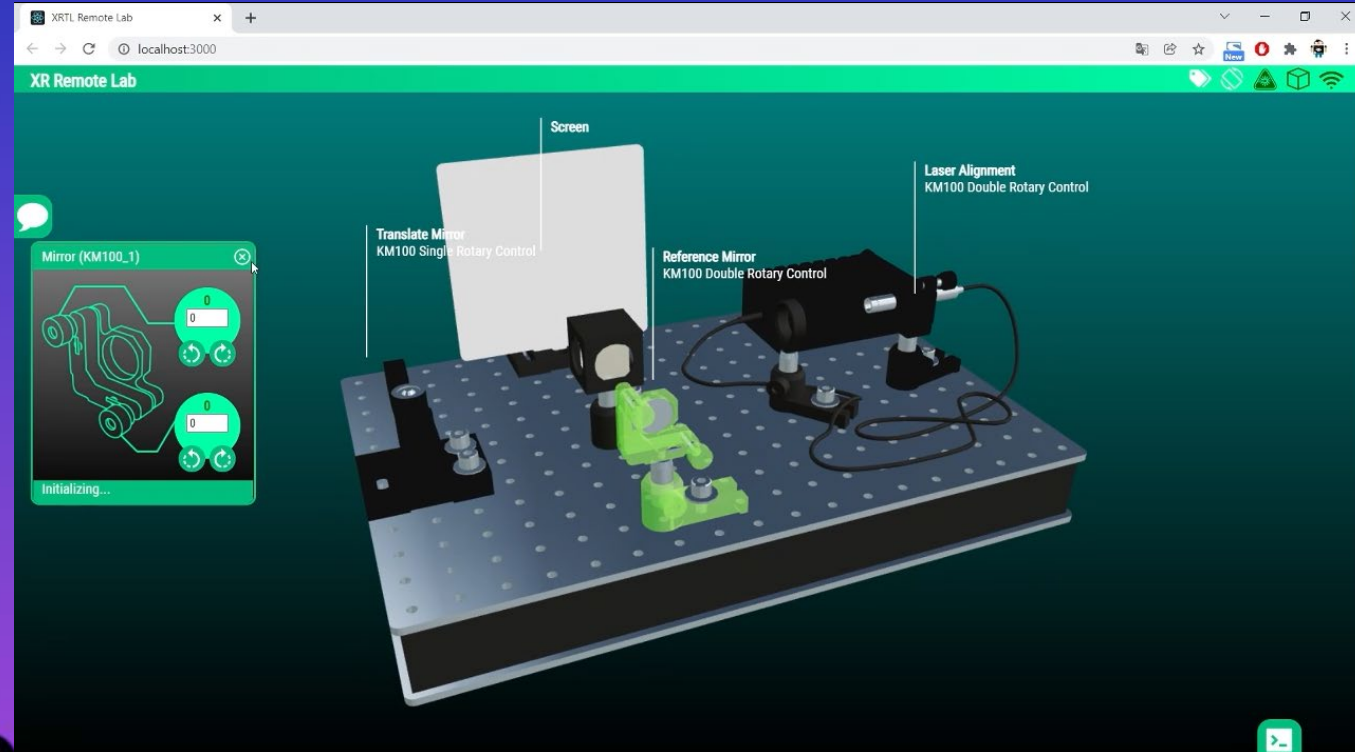
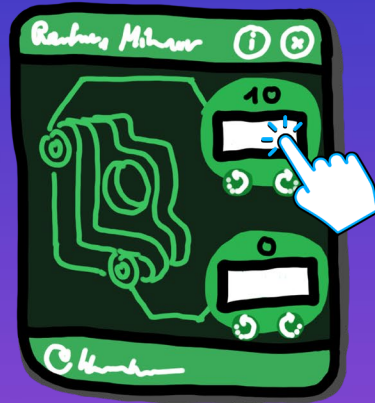
Thorlabs Educational Kit Michelson Interferometer with 3D printed attachments, actuators, camera, microcontrollers



Thorlabs Educational Kit Michelson Interferometer with 3D printed attachments, actuators, camera, microcontrollers



Platform-independent, modularly expandable React.js application with OpenGL rendering



Platform-independent, modularly expandable React.js application with OpenGL rendering

Supervisor

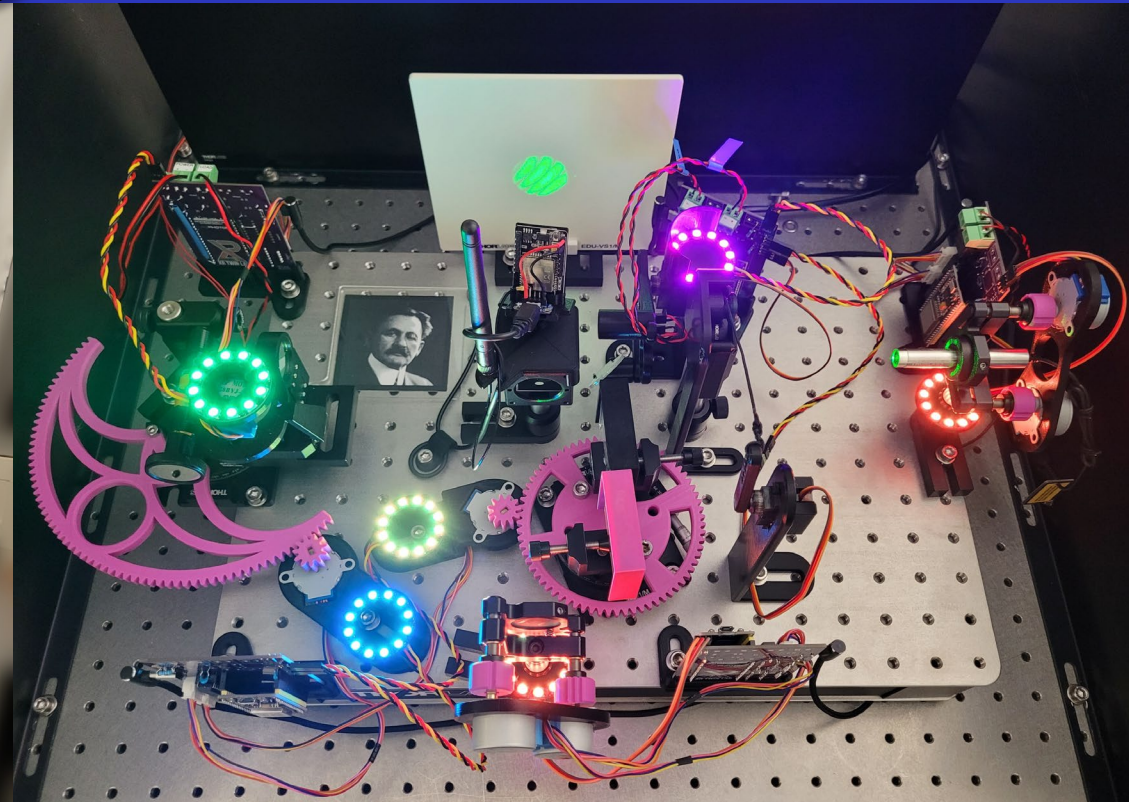
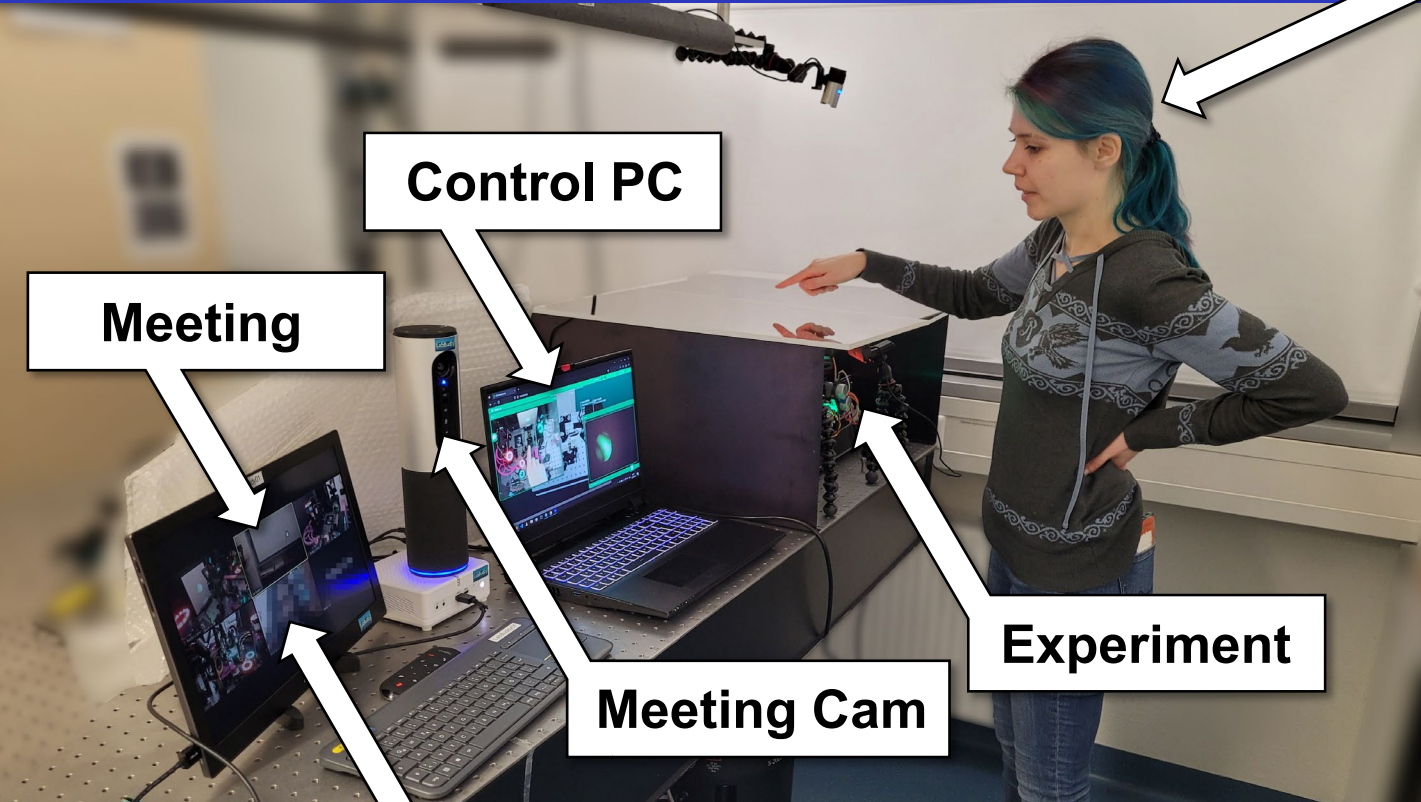
Control PC

Meeting

Meeting Cam

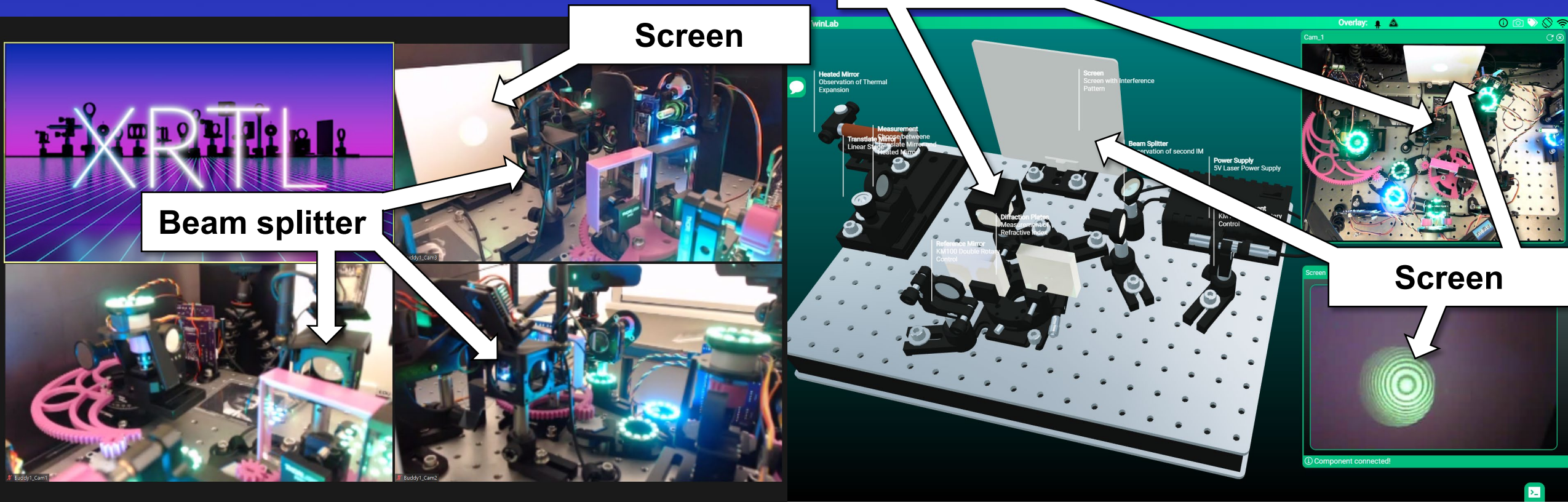
Experiment

Student



Thorlabs Educational Kit Michelson Interferometer with 3D printed attachments, microcontrollers

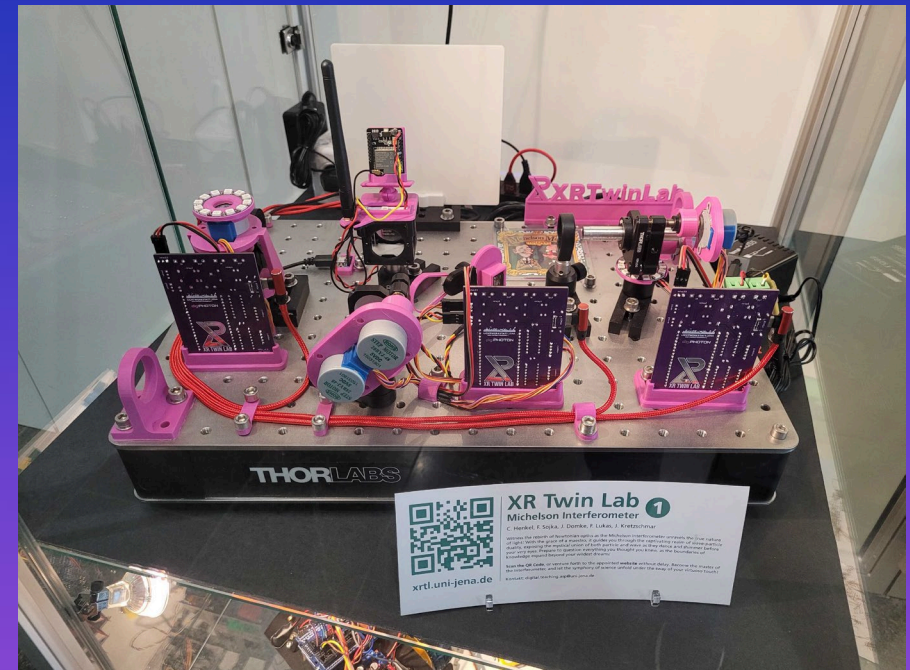
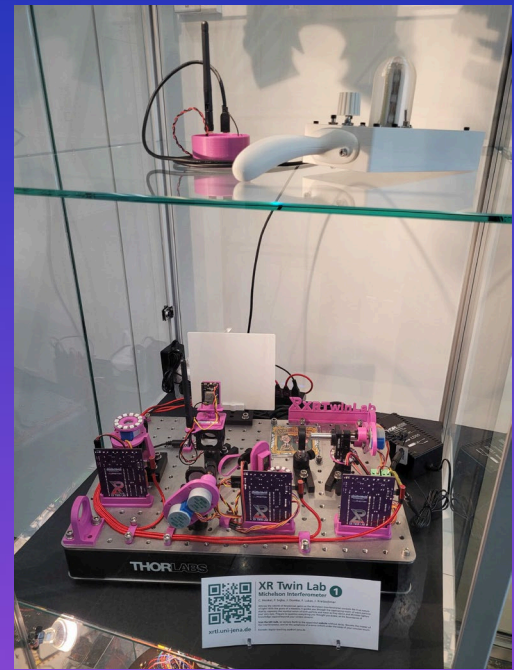
Platform-independent, modularly expandable React.js application with OpenGL rendering



Thorlabs Educational Kit Michelson Interferometer with 3D printed attachments, actuators, camera, microcontrollers

Platform-independent, modularly expandable React.js application with OpenGL rendering

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Thanks

Questions, Suggestions

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