# SWITCHcast Next Generation

SWITCH

Sven Stauber
sven.stauber@switch.ch

Zurich, 18th March 2015

# SWITCHcast Next Generation?

- **Subproject Producer**
  - **Modernization of the SWITCHcast video management & lecture recording system in two phases**

- Subproject Delivery
  - Video portal for academic video (SWITCHtube)

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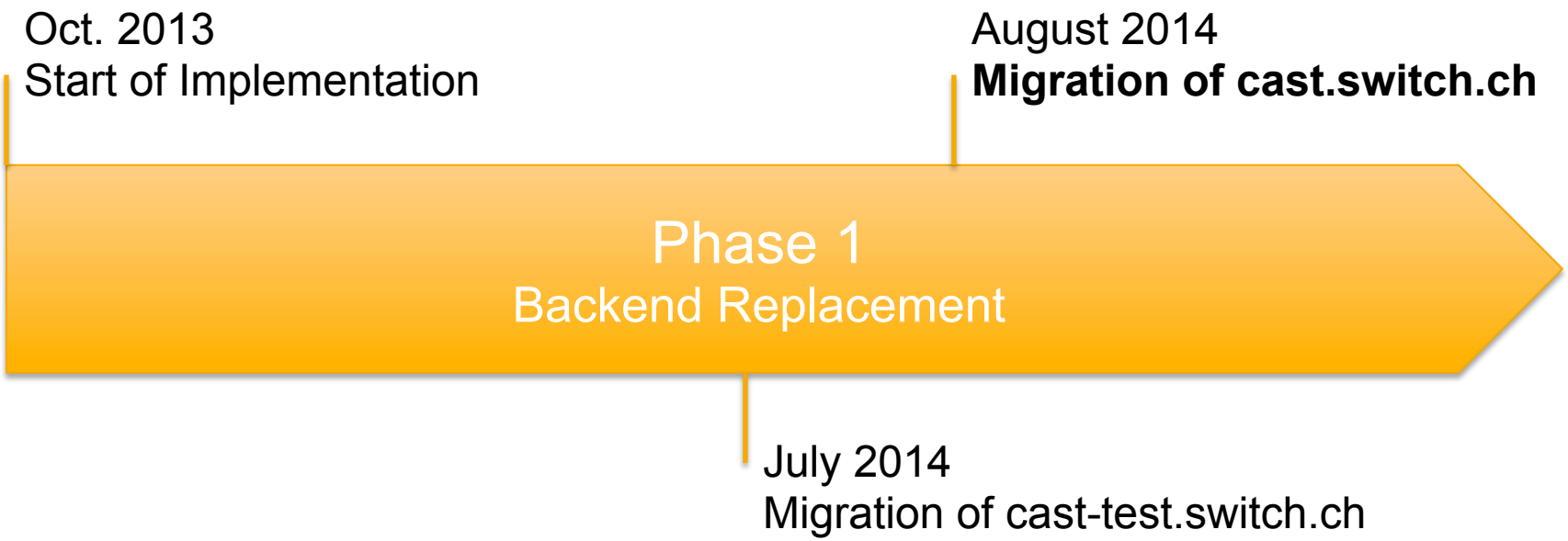
# Phase 1: Timeline

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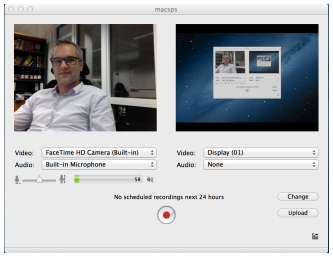
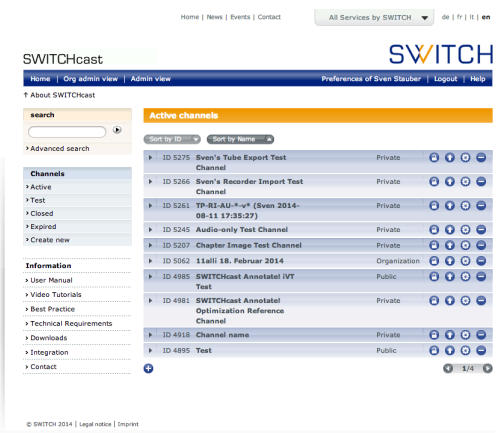
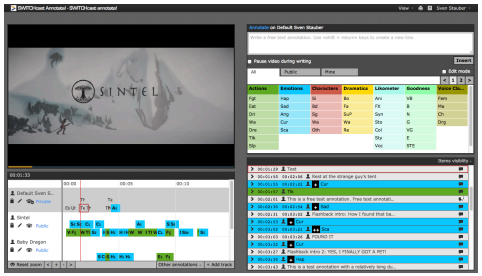
# Before Phase 1





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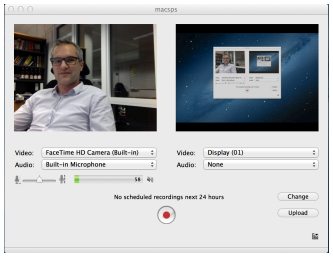
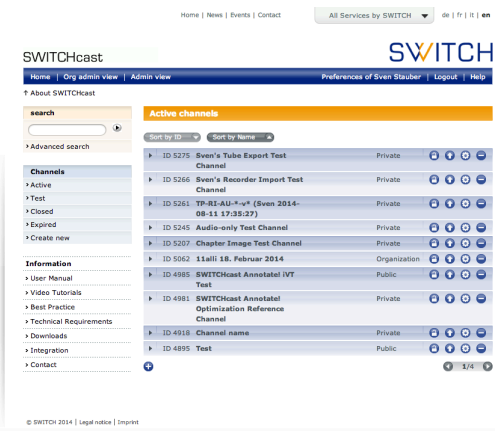
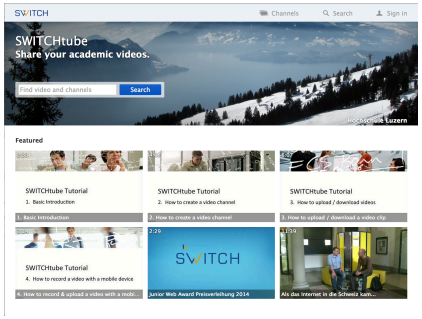
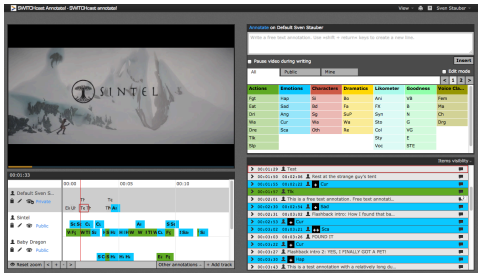
# After Phase 1








matterhorn

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NetApp
2.0TB

## In Phase 1, we built a…

# Solid basis for the future of SWITCHcast

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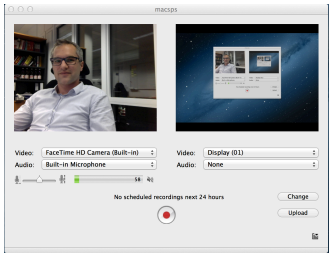
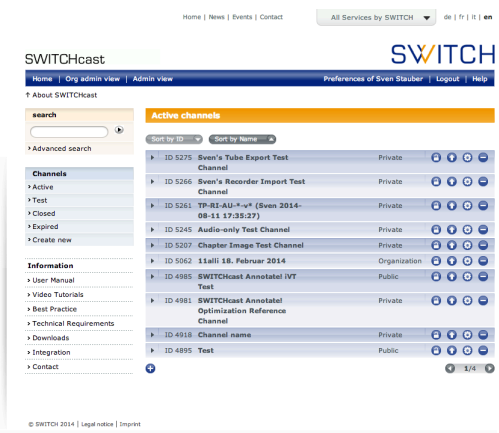
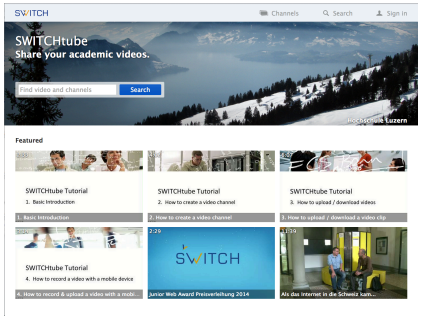
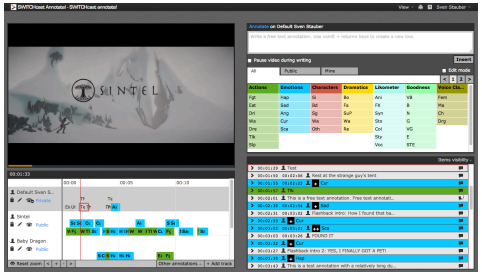
# Back to now







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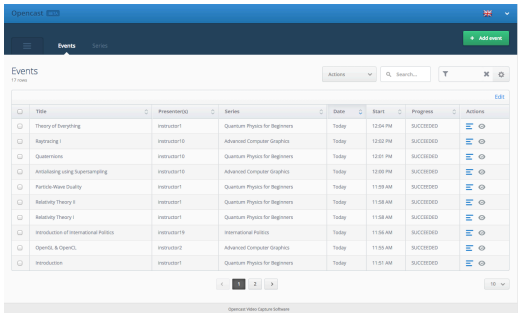
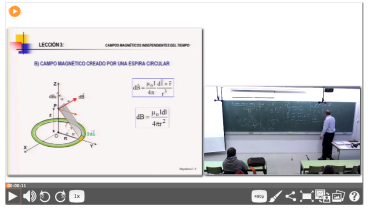
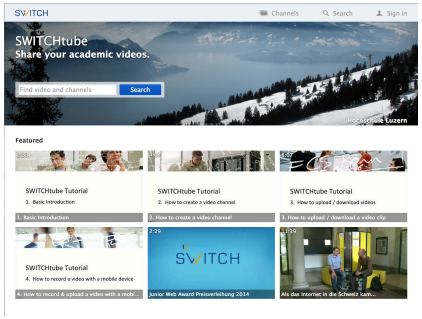
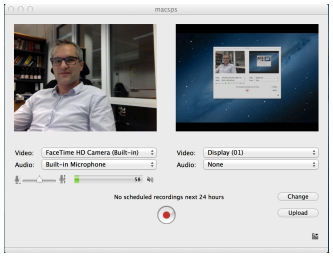
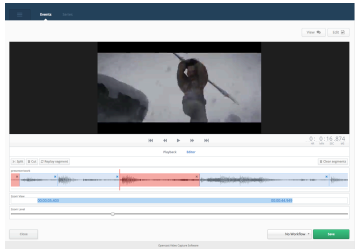
# Next Generation

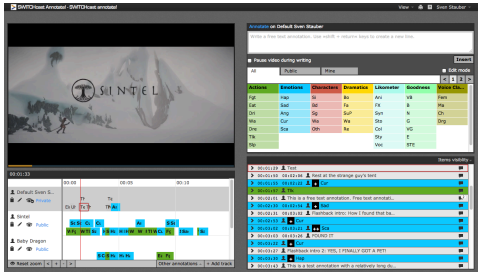






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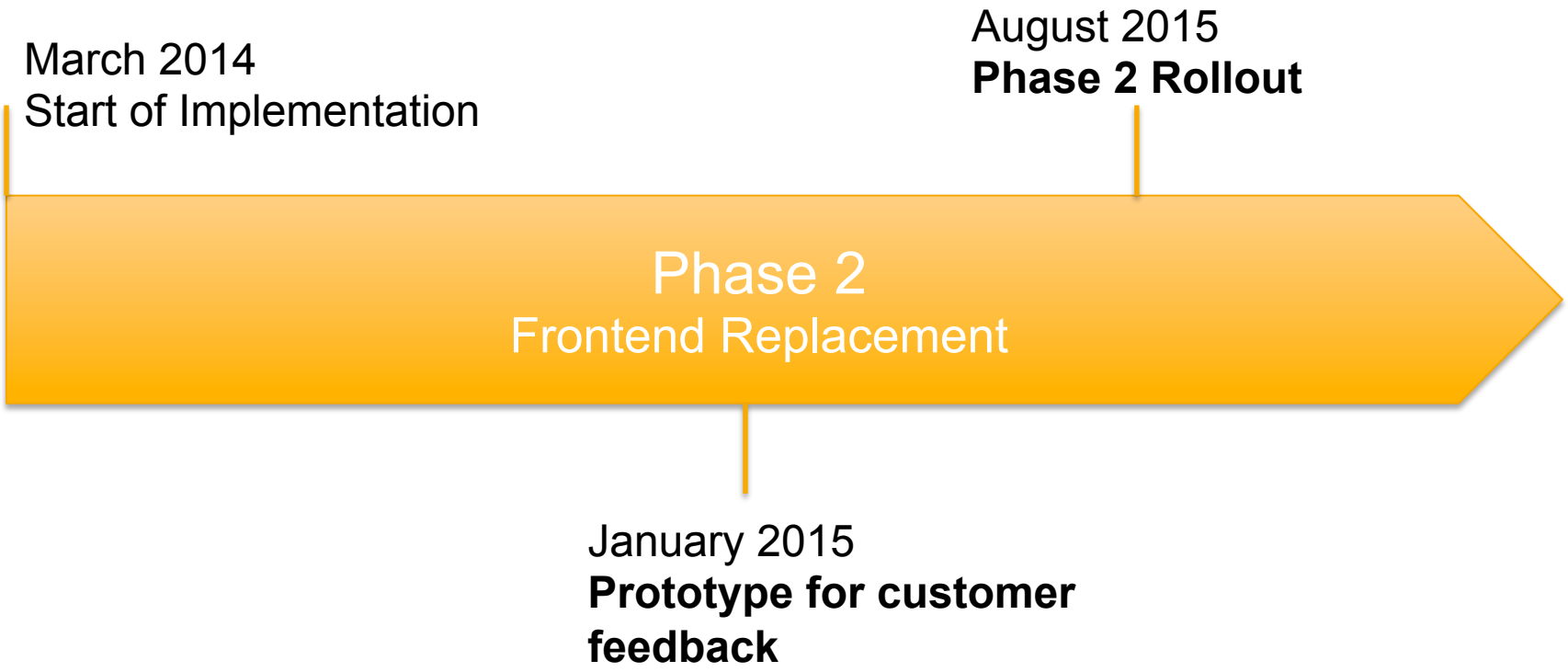
# Phase 2: Timeline

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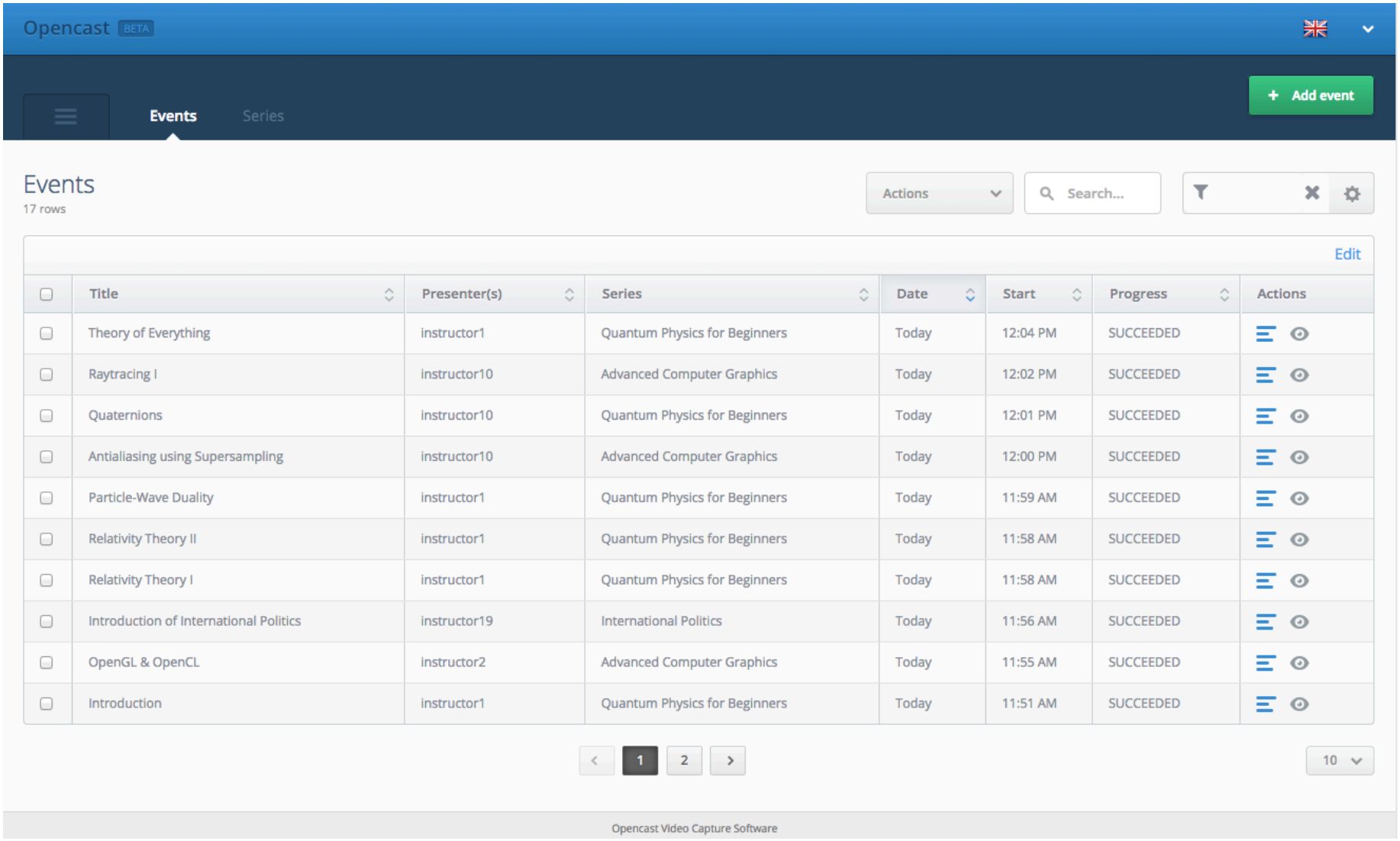
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Opencast Video Capture Software

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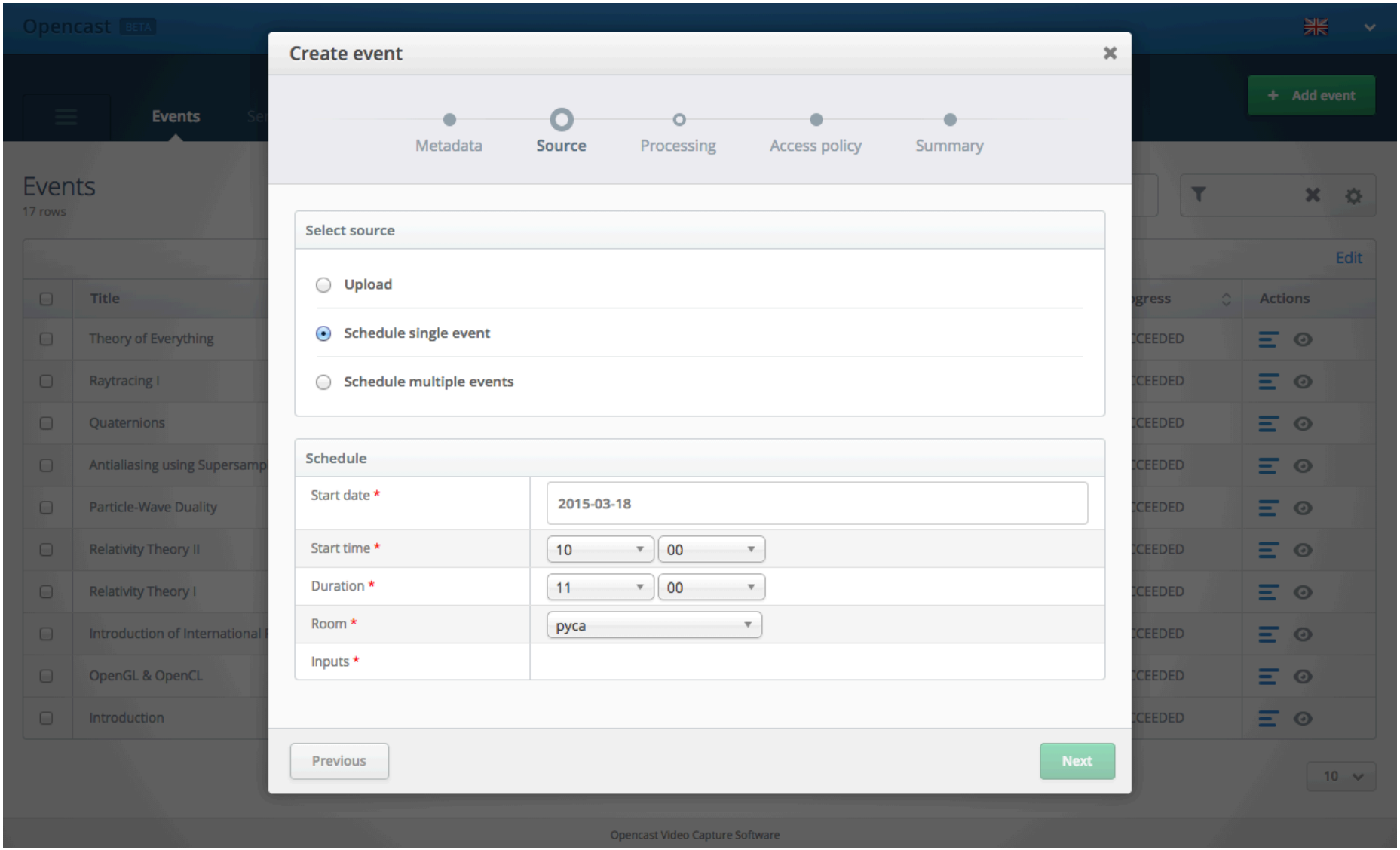
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Opencast Video Capture Software

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# Create: Next Generation (Outlook)

- **SWITCHcast Recorder**
- *New* Option to support Matterhorn Capture Agents
  - Scheduling and basic confidence monitoring integrated into UI

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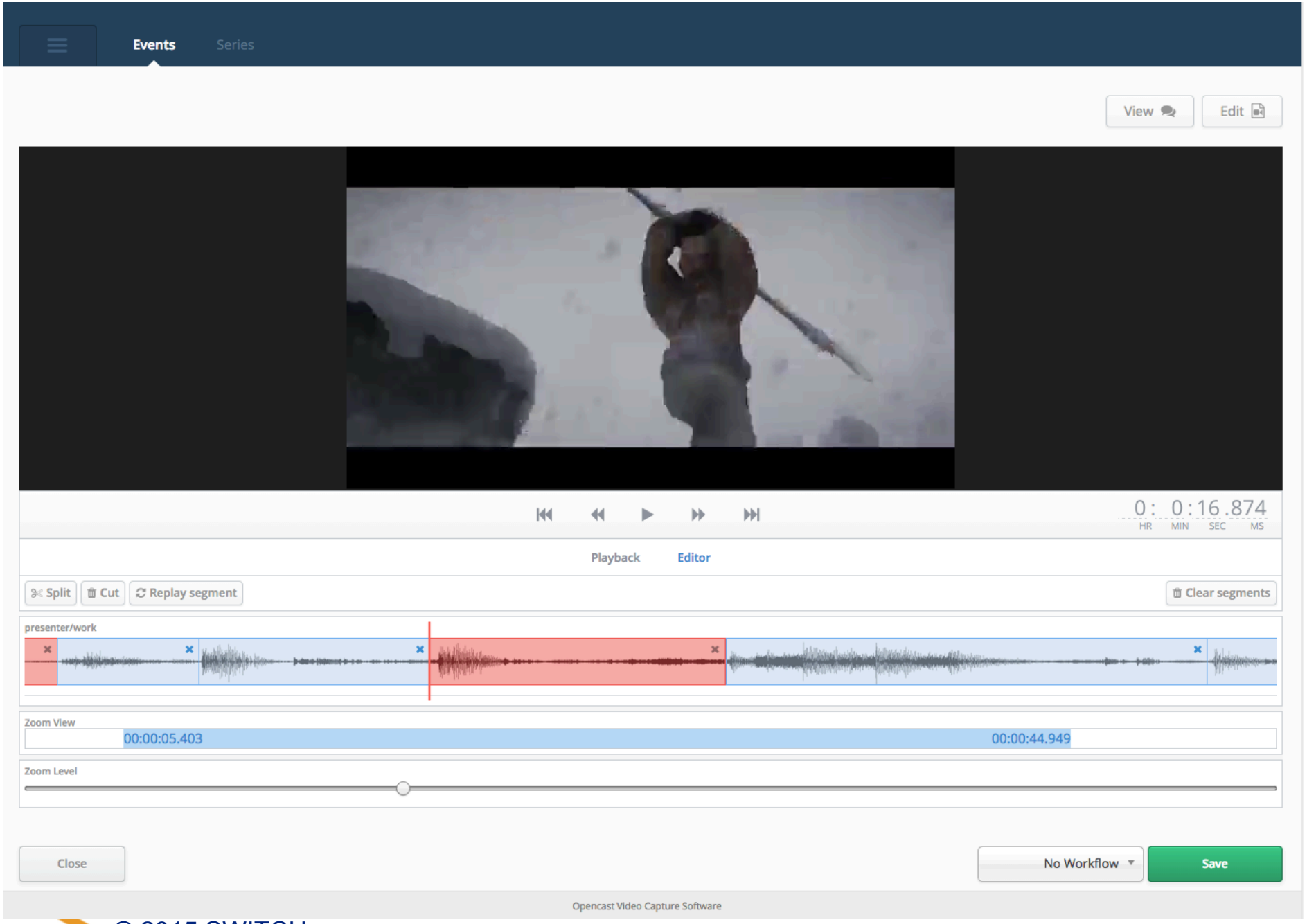
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Opencast Video Capture Software

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# What can SWITCHcast do for you?

- **Ingest**
  - Capture Agents (Lecture Recording)
  - Web Interface
  - Third-party systems (using Application API)
- **Manage**
  - Extensive, customizable metadata support
  - Advanced searching and filtering capabilities
  - Video (re-/post-)processing (Transcoding, branding, cutting, …)
- **Publish**
  - To SWITCHtube
  - To third-party systems (using Application API or OAI-PMH)

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# Big Picture

Create → Edit → Play

MEDIASTAR BY CABLETIME

323 link

GALICASTER Lecture Capture System

ENTROPYWAVE OPEN VIDEO TECHNOLOGY SPECIALISTS

TELTEK VIDEO RESEARCH

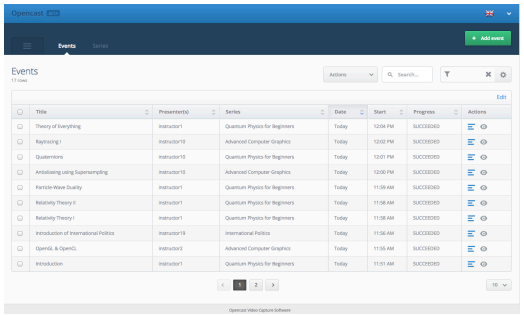
epiphan SYSTEMS INC.

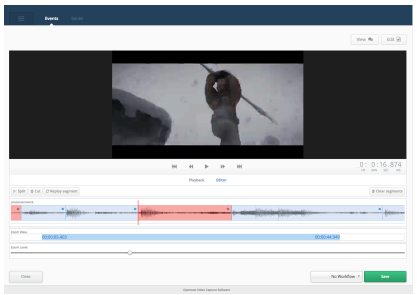
Extron

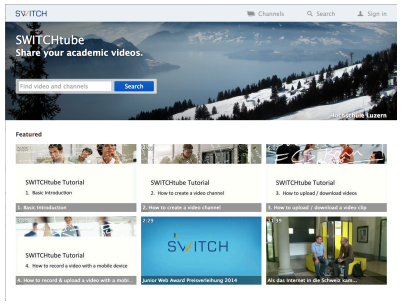
NCast Excellence in Capture and Streaming™

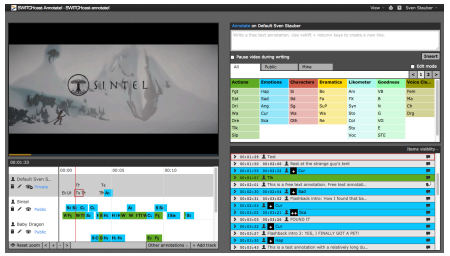
arrive

PIXEL2MEDIA

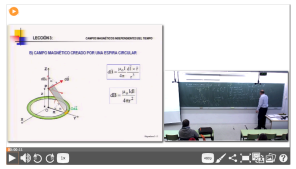






Third-Party Systems



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# Announcement

Interested in more details?

See you at the
SWITCHcast Userforum 2015!

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