Angel Introduction: Camera and Video Mixer

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C3VOC

Inhalt

General Info

Angeltypes

Camera Hardware

Camera Positions and Angles

Camera 1 - Closeup Camera

Camera 2 - Medium Camera

Camera 3 - Wide Shot

Video Mixer Tools

Video Mixing Guidelines

Timeline of a Talk

General Info

General Info I

- All talks get recorded and archived forever
- Consistent quality
- No postproduction of individual signals.
- Livestream content is the same as the one recorded and published
- Less mistakes $\Rightarrow$ better recodings.
- Stream observer shifts
- Difficult talks together with additional video director

General Info II

- Introduction Meeting here
- Complete overview for all new angels
- Short diff for experienced ones
- Shift distribution every day 15:00 to 16:00 in Hall 6.
- Feedback loop and review at those meetings
- Slides available online: `http://i.barebone.tk/engelschulung.pdf`

Angeltypes

Angeltypes

- Camera Angels
- Video Mixer Angels
- Stream Observing Angels
- A/V Technician

Camera Angels

- Operate the fixed cameras in the lecture halls.
- Usually, two video angels per lecture hall
- Camera angels will communicate with the Video-Mixer-Angel via intercom,
- Get instrucions to shoot in certain ways.
- Maintain good camera settings

Video Mixer Angels

- Switch the video feed between different sources.
- Mixed video feed is used for both the live-stream and the recordings
- You decide which picture, respectively source, is most interesting/important at each moment.
- Work proactively with camera angels through the intercom,
- Challenging talks, with assistance from an external "image composition director" joining the intercom channel.

Stream Observing Angel

- Open for all camera and mixing angels
- Reflecting the work of colleagues from an audience perspective.
- Examine streams for issues
- Keep track of sequences appearing hard to consume or violating our rule set.
- Positive and negative remarks
- Constructive feedback
- Instantly report severe issues like "there is no signal" to the VOC Helpdesk.
- Self evaluation and not meant as external monitoring.

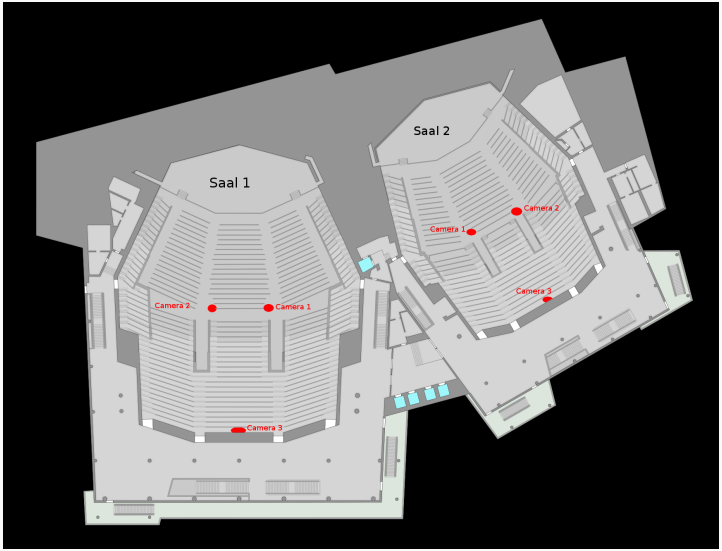
A/V Technician

- 2nd level support in the lecture rooms.
- Vamiliar with the equipment that is used
- Able to fix (nearly) all the issues.
- Longer shifts.

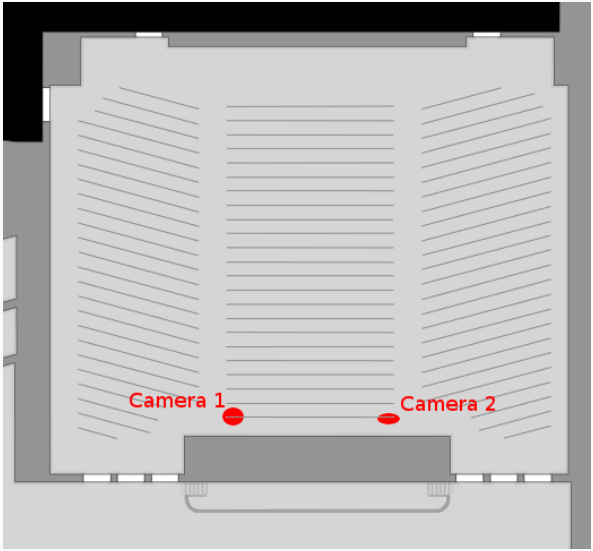
Camera Hardware

Camera Positions and Angles

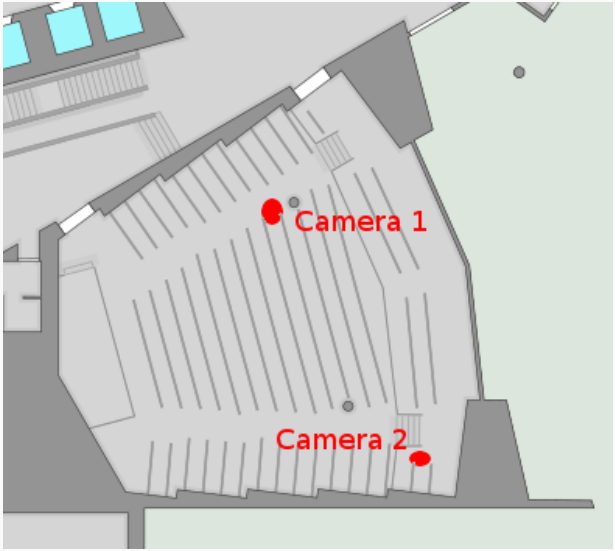
Map Saal 1 + Saal 2



Map Saal G



Map Saal 6



Camera 1 - Closeup Camera

Camera 2 - Medium Camera

Camera 3 - Wide Shot

Video Mixer Tools

Dual Setup

Two different Setups are in use at this congress. Both setups offer similar possibilities. You can work with both of them.

Hardware Video Mixer

- Saal 1
- Saal 2
- Specialized Hardware Panel

Software Video Mixer

- Saal G
- Saal 6
- Sendezentrum
- Laptop as control surface.

Video Mixing Guidelines

Mixing Guidelines - Hard Rules

- **All** you are doing is **recorded** and will be published. **Don't make mistakes.**
- The Audience is **not to be filmed**. Cut away if faces of people not on the stage appear.
- **Slides are important**
- Slides stay on till the text has been read **twice**.
- Show new slides **immediately**.

Hint

Fast-paced presentations with lots of slides are easier to handle with the supersource.

Mixing Guidelines - Softer Hints

- Start early – opening announcements of the Herald are a good start. Their introduction has to be in the recording and on stream.
- Open wide – Structure the beginning of a talk with shots that set the stage
- The slides in fullscreen – you're dealing with a very small screen. Text has to be readable
- Show gestures – medium-close-up that follows the speakers eye-line
- Don't be too cutty – Pace your videos temperately. Do not cut too often.
- Don't end too early – All questions and answers have to be recorded. The herald ends the talk, not the mixer angel.

Hints

Leave lots of room at the start and end of a talk. Cut away from the infobeamer before the Herald starts with announcements. Cut to the infobeamer only after the last applause has finished.

Mixing Guidelines - Communication

- Communication is key
- Partyline intercom in every room
- Mixer Angel requests pictures from Camera Angels and announcs their next steps
- Camera angels offer good pictures
- Work together, say what you want to do and what doesn't work.

Timeline of a Talk

Timeline of a typical talk

1. Preparations beforehand
2. Announcements and Introduction
3. Content
4. Questions and Answers
5. Ending

Timeline - Preparations beforehand

Cameras

- Get to know your fellow angels.
- Test the intercom.
- Test your camera and settings.
- Look on Stage who will be Herald ans Speaker.
- Camera 1: Get a closeup of the speaker.
- Camera 2: Get a head to toes shot of the herald.
- Both cameras start tracking their persons.

Mixer

- Check Slides and adjust supersource to 16:9 or 4:3.
- Have Camera 2 on Preview.

Timeline - Announcements and Introduction

Cameras

- Camera 1: Get a closeup of the speaker.
- Camera 2: Get a head to toes shot of the herald.
- Both cameras track their persons.

Mixer

1. Go live with Camera 2 as soon as the Herald starts.
2. Title slide can be shown during the introduction
3. Put Camera 1 on Preview.
4. Camera 1 live as soon as the Speaker starts talking

Timeline - Content

Cameras

- Follow commands from the Mixer
- Ask for time off if you have to readjust zoom, focus or anything else that should noc be in the recording.

Mixer

- Show new slides as soon as they are keyed by the Speaker
- Show Camera 2 when the Speaker starts walking and gesturing
- Call out your actions and intentions via intercom
- Plan ahead. Which picture should be shown in 30 seconds?
- Keep your available pictures diverse. Both cameras on medium closeup don't make sense.

Timeline - Questions and Answers

Cameras

- Camera 1: Track the Speaker
- Camera 2: Track the Herald or both if they are close
- Keep tracking, don't give up your shift ends soon.

Mixer

- Show whoever is talking on stage to the stream.
- The "Thanks"-Slide can be shown from time to time.
- Don't end too early.

Questions?

Contact me on congress, DECT 7425 or via irc, voc-lounge on hackint.