WICED Automated Editing Competition

Steering group:
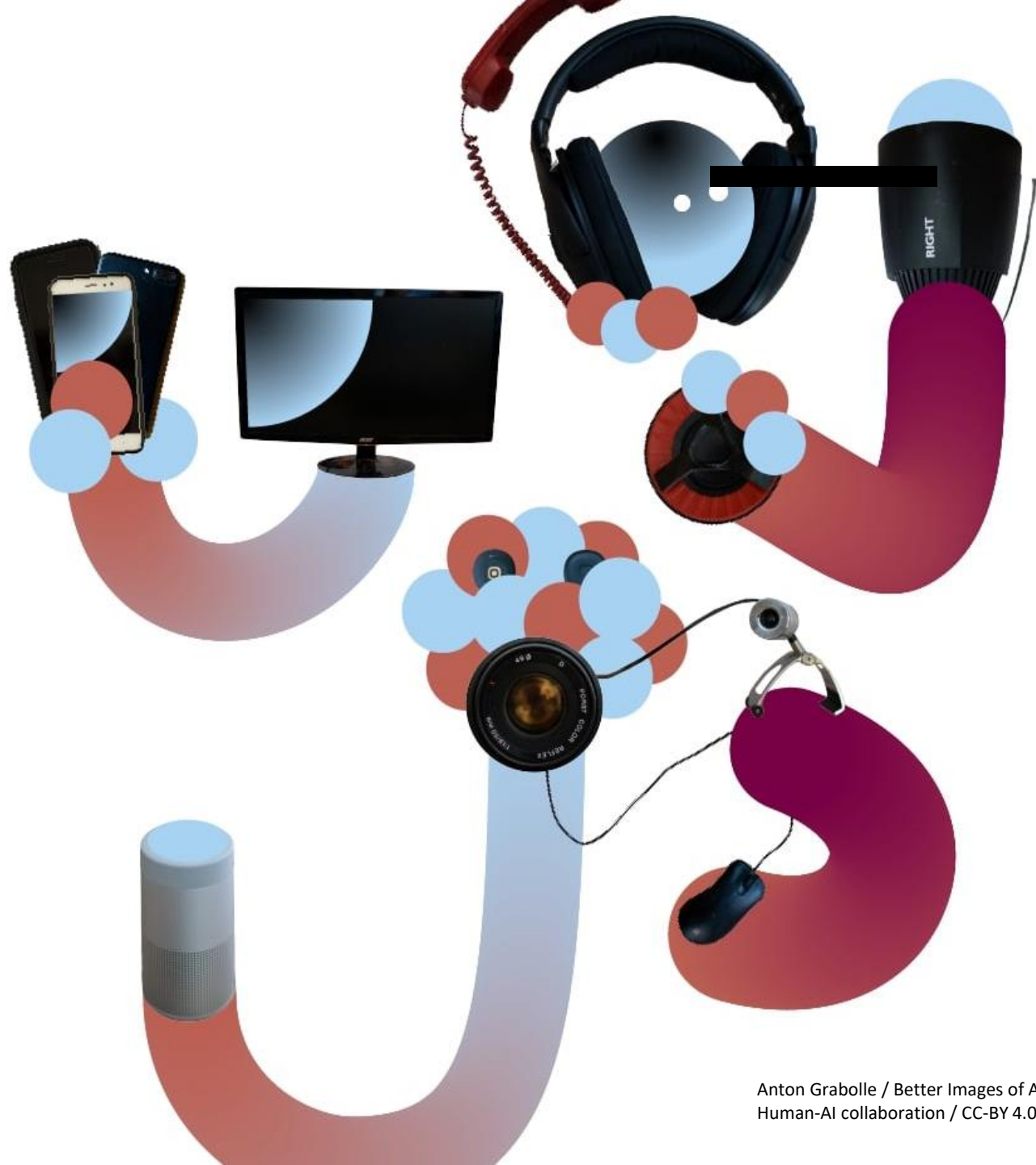
Marc Christie - IRISA

Arnav Jhala - UNC

Stephen Jolly - BBC

Rémi Ronfard - INRIA

Hui-Yin Wu - INRIA

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Outline

– A competition to create automated edits of the BBC R&D Old School Dataset

– Launched at WICED 2022 with first judging planned at WICED ~~2023~~ 2024

– Open to anyone permitted to use the dataset:

> *"researchers from universities and other reputable academic institutions and relevant public organisations for non-commercial research"*

Working with Static Multicamera Datasets

The Nature of Multicamera Rushes

Take 1 | Media from four cameras plus audio

Take 2 | Media from four cameras plus audio

Take 3 | Media from four cameras plus audio
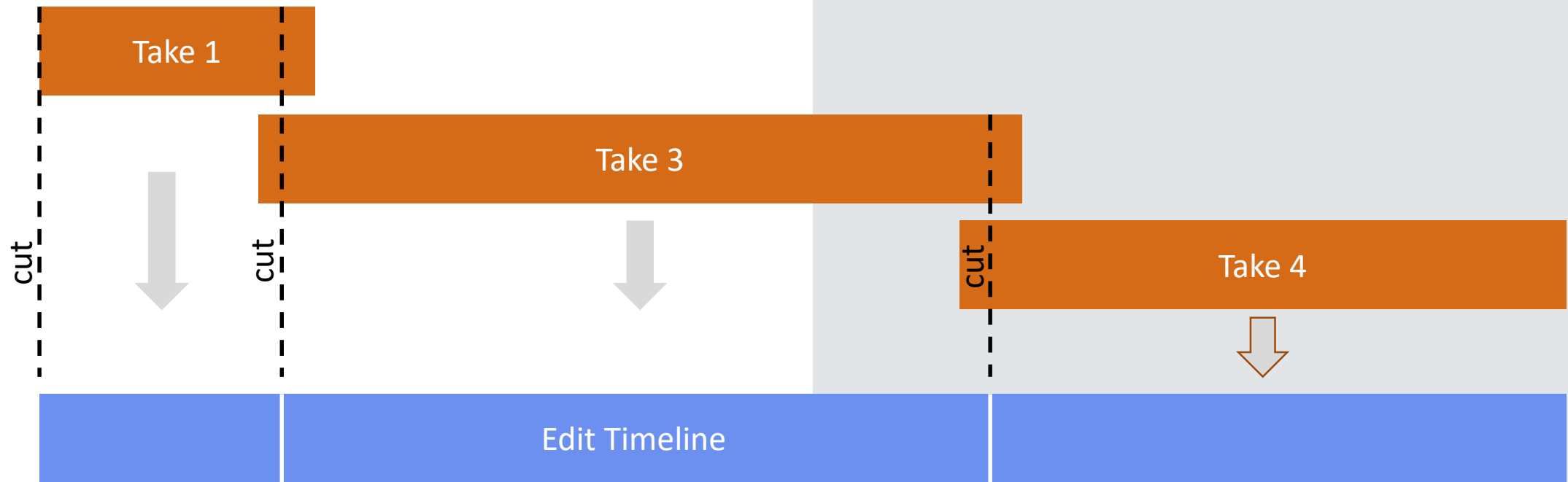
Script timeline

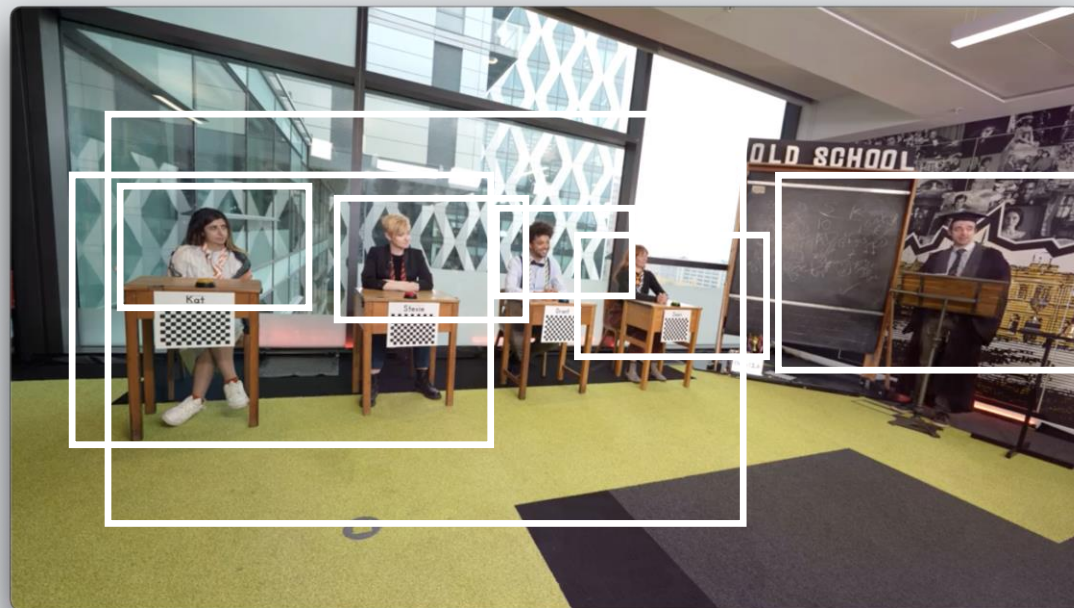Page 9   Page 10   Page 11

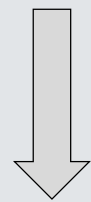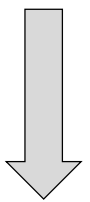# Working with Static Multicamera Datasets

1. Create Edit Timeline

2. Identify possible crops - from all cameras

3. Choose shots and cut at suitable times
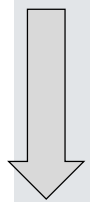
Tasks for the WICED Competition

1. ~~Create Edit Timeline~~

2. Identify possible shots from all cameras

3. Cut between shots at suitable times

Rules

– Submit a video edit using material from Part 2 of the Old School script. (Deadline January 2024, TBC)

– Results announced at WICED 2024

– Entrants are encouraged to submit a paper to WICED 2024 describing their methods

– Use the example edit timeline from the dataset[*]

[*]unless you are automating the generation of such a timeline, but you probably don't want to do that to start with

Evaluation – Creative Track

Judged by a panel of media experts, scoring entries on:

– Relevance of the shots chosen

– Variety of the shots used

– Artistry of the creative decisions taken

Evaluation – Technical Track

Entries can either:

– attempt to produce a complete edit, or

– focus on a single aspect of automated editing, such as framing.

Judged by a panel of media and research experts according to how much each entry advances the state of the art in Intelligent Cinematography and Editing.

Practicalities

– Register for the dataset at
https://www.bbc.co.uk/rd/projects/old-school-dataset

– Keep an eye on the WICED 2023 website for detailed rules and additional information

– We'll email WICED attendees when this is available.