Master Seminar HuMANS: 3D Human Motion ANalysiS

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Why HuMANS?

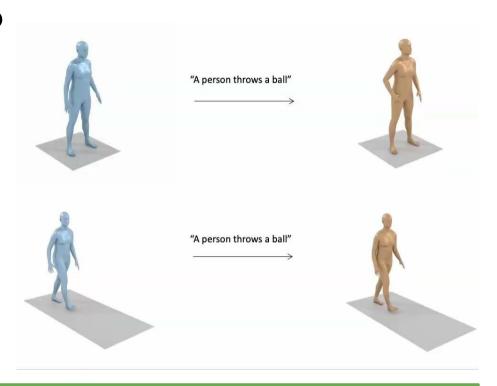




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Sitting on a chair

Locomotion-Action-Manipulation

The Laptop Sequence: Sitting Down and Opening a Laptop

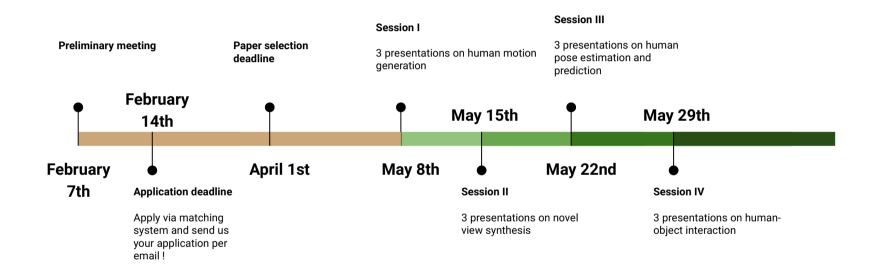


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What are the topics discussed?

- > 4D reconstruction & novel view synthesis
- Human motion generation
- > Human pose estimation and motion prediction
- > Human-object interaction
- > Human datasets and benchmarks
- > ... and many more!

How does the schedule look like?



May 2024, mark your calendars;)

Further orga stuff

- Meet your supervisor
 - At least 1 week before presentation: paper discussion
 - Monday before presentation: slides discussion
- Write a report
 - LaTeX template would be provided
 - 4 pages summarizing the paper and providing your high level insights
 - Report deadline is due in 3 weeks after your presentation
- All meetings and seminar sessions are mandatory to attend

How does the grading look like?

> Presentation: 50%

> Report: 40%

> Active participation and questions during seminar: 10%

What do I need to know beforehand?

- Previously attended DL lectures, such as I2DL, CV III, 3D Scanning & Motion Capture, and other
- Knowledge of linear algebra, probabilities, non-linear optimization is highly beneficial

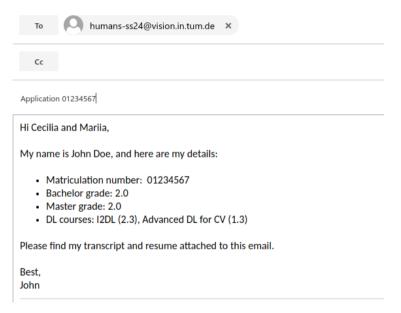
We focus on learning methods, so brushing off the dust from DL notes will help!

I'm interested, how do I apply?

- > Apply via matching system and assign our seminar high priority
- > Send an email to humans-ss24@vision.in.tum.de (example on the next slide) with
 - Short info about your background (see template)
 - Transcript of records
 - Resume

Two-step verification: matching system + email

Any tips for the email?



Make it concise and relevant to the seminar scope.

Any remaining questions?

Reach out via email for lost+found questions!