AUDICTIVE SPP2236
WELCOME!
Focus is the Role of acoustics in human cognition
Auditory Cognition in Interactive Virtual Environments
HOW DO YOU FEEL?
GOOD
CALM
relaxed
just need more coffee
excited
INTERESTED
INSPIRED
curious
Tired
GREAT
What is it about?
Why is it important?
How do we plan to carry it out?
APlausE-MR-Audiovisual Plausibility and Experience in Multi-Party Mixed Reality
Development and Validation of Audio-visual VR Technology on Basis of Experiments on Auditory Localization and Attention in Virtual and Real 3D Spaces
Influence of visual cues in interactive audiovisual virtual environments on auditory attention decoding and cortical tracking of speech
Audio-visual perception of vehicles while navigating in traffic: Design, evaluation and research application of multimodal virtual environment technologies
Evaluating cognitive performance in classroom scenarios using audiovisual virtual reality - ECoClass-VR
Listening to, and remembering conversations between two talkers: Cognitive research using embodied conversational agents in audiovisual virtual environments
Cognitive and signal-driven factors in a dynamic perception
Influence of audio rendering in virtual environment on realism, presence, and socio-cognitive processing
Perceptual learning and neural plasticity in synthetic worlds. The case of distance perception
QoEvVE-QoE Evaluation of Interactive Virtual Environment with Audiovisual Scenes
Research support facilities
Lab visits
early career support
Promotion of female researchers
Strategies for Collaboration
networking across disciplines and locations
Virtual Kick-Off-Meeting / April 27th 2021
an interdisciplinary project between
Three disciplines:
acoustics,
cognitive psychology
& virtual reality /
computer science
★ annual meeting / winter school
* including lectures on fundamentals from the different disciplines
* Soft Skill Workshops
★ Workshops organized by AUDICTIVE funded researchers
★ AUDICTIVE conference June 2023
Before break
What I like...
What surprised me
What I'm looking forward to...
nice discussions
new ideas
great organization
new perspectives
excellent organization
Chocolate!
all your contributions
OUTLOOK
WWW.SPP2236-AUDICTIVE.DE
how to stay connected
upcoming meetings and workshops
Presentation of Coordination Project
Research data management
collecting Data - Connecting People
involves systemizing, consolidating
avoid redundancies in projects
bring together research groups
Collect Data continuously
make them available to AUDICTIVE research community and beyond
the process of data collection
Realization of the virtual environment
and methods to evaluate quality
to track scientific progress
we get organized
we make our work visible online
exercise
Discussion:
- Personal Data?
- Discuss on individual basis
- Version control for larger binary files?
- ethical approval
- Use well-established self-documented hierarchical data formats
- Metadata about labs
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