



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

Overview over the discussion sessions

11th March 2021

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Where to find all the info

**Market &
handson**

Morning sessions

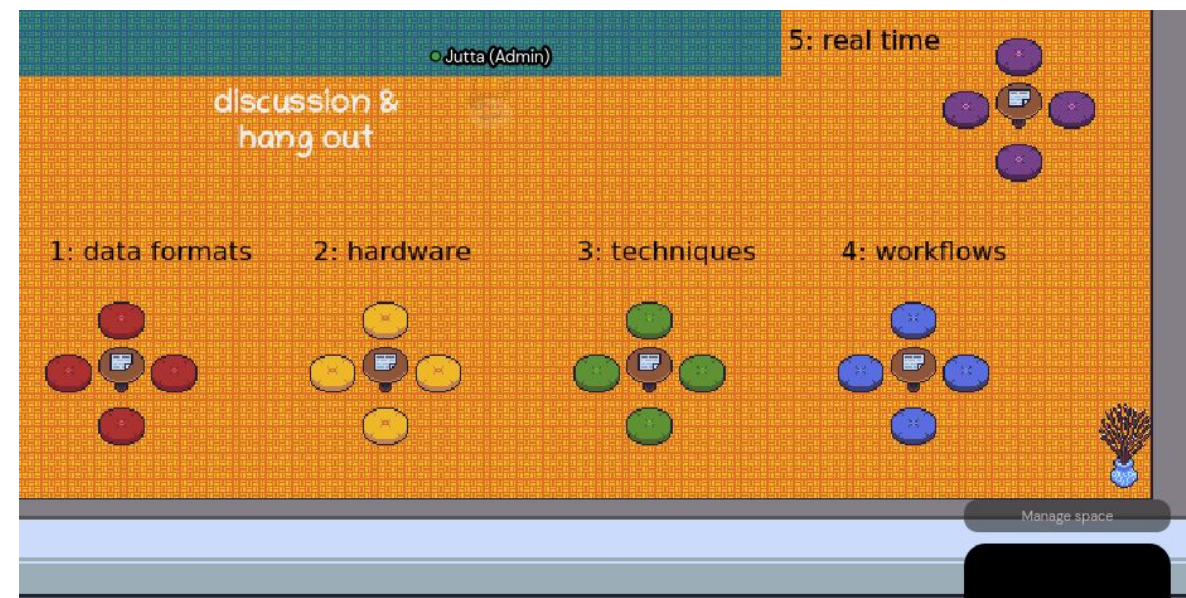
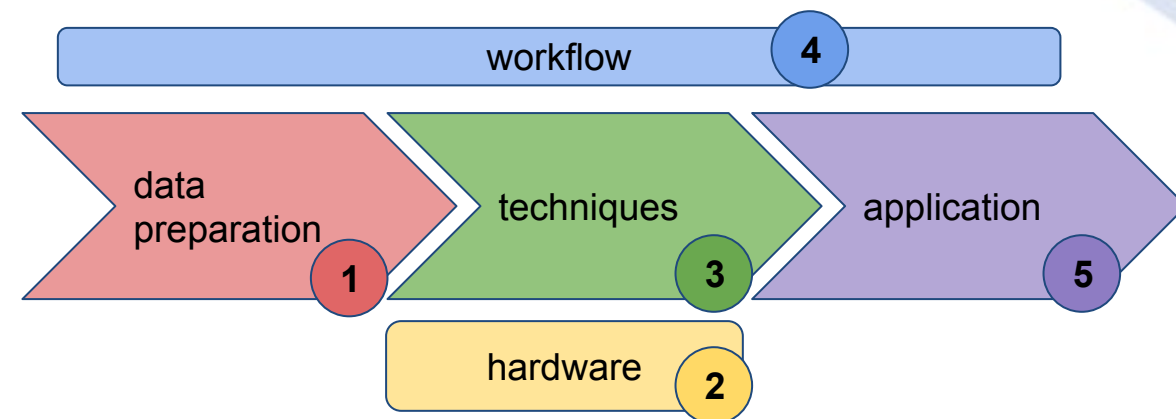
Discussions



The discussion topics for common approaches

1. Data reduction and data formats (Kai Polsterer)
2. Use of alternative hardware (Maurizio Pierini)
3. Machine and deep learning techniques (Luca Antiga)
4. Workflow management for machine learning (Cristiano Bozza)
5. Real time analysis and triggering (Caterina Doglioni)

View the list on [indico](#).



Sessions

- **short introduction** (now)
- **2x45 min parallel discussions** (this afternoon, breakout rooms)
- **summary of the discussion outcome** (Friday morning)
- **panel discussion** (following summary)

All sessions on zoom - but use gather town to follow up or add your thoughts!

Thursday, 11 March 2021		Friday, 12 March 2021	
09:30			
10:00	Presentations <div> <div> Introduction to discussion sessions Online 10:00 - 11:10 </div> <div> Discussion topics overview Online introduction 11:10 - 12:00 </div> </div>	10:00	Summary & Outlook <div> <div> Reports from the discussion groups summary Online 10:30 - 11:20 </div> <div> Panel discussion panel Online 11:20 - 12:20 </div> </div>
15:00	Discussion groups <div> <div> Discussion 5: Real Caterina ... Online 15:00 - 15:45 </div> <div> Discussion 4: Work Cristiano ... Online 15:00 - 15:45 </div> <div> Discussion 2: use e alternative hardware Maurizio Pierini Online 16:00 - 16:45 </div> <div> Discussion 3: Machine & deep learning techniques Luca Antiga Online 15:00 - 15:45 </div> <div> Discussion 1: Data Kai Pold... Online 15:00 - 15:45 </div> </div> <div> Coffee break https://gather.town/app/bLHkUuXJ17H4z/WWAPP?Gather 15:45 - 16:00 </div> <div> <div> Discussion 2: use e alternative hardware Maurizio Pierini Online 16:00 - 16:45 </div> <div> Discussion 1: Data Kai Pold... Online 16:00 - 16:45 </div> <div> Discussion 3: Real Caterina ... Online 16:00 - 16:45 </div> <div> Discussion 4: Work Cristiano ... Online 16:00 - 16:45 </div> <div> Discussion 2: Mac Luca Ant... Online 16:00 - 16:45 </div> </div>		



Where do we go?

"THE OBJECTIVE OF THIS WORKSHOP IS TO BRING TOGETHER THE SCIENTISTS' COMMUNITIES OF ASTROPHYSICS, ASTROPARTICLE PHYSICS AND PARTICLE PHYSICS WHO ARE LEADING THE DEVELOPMENT OF INNOVATIVE WORKFLOWS WITHIN THEIR DOMAIN AND EXPLORE COMMON APPROACHES FOR INNOVATIVE WORKFLOWS."

The focus of the discussion is to

- share knowledge about approaches
- identify similar approaches and interests
- collect ideas about collaborations and developments

→ bring your suggestions to the table and let's discuss!



Shared google slides per session

- *add your thoughts already before the discussion*
- *keep track of the ongoing discussions in the session*

add method/approach (knowledge)

add discussion point (issue)

add idea (solution)



Enjoy the discussion!

