

# EU Workshop on the Integration of Knowledge, Semantic and Digital Media Technologies (EWIMT)

## Panel on Content Production, Processing, Management and Preservation

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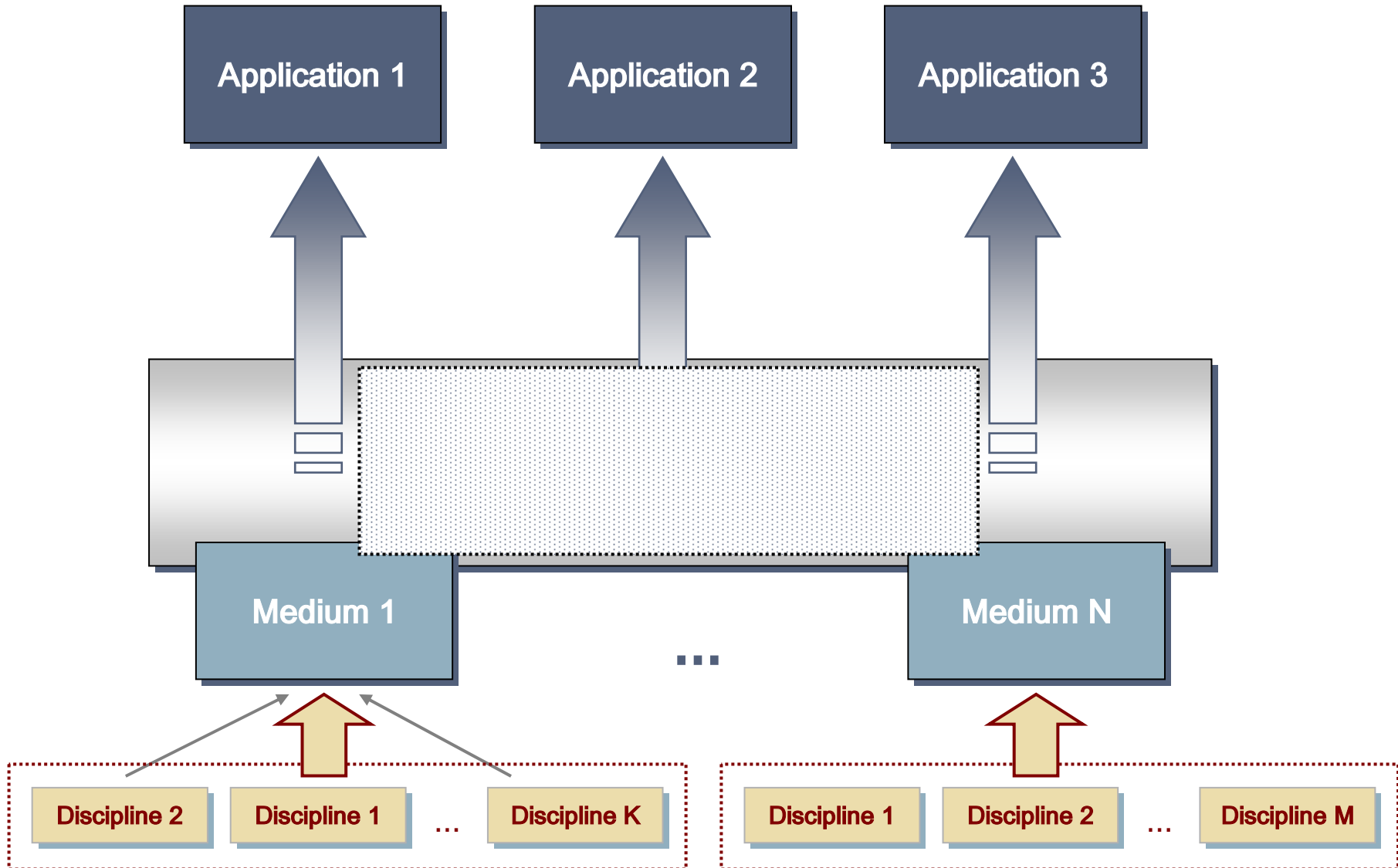
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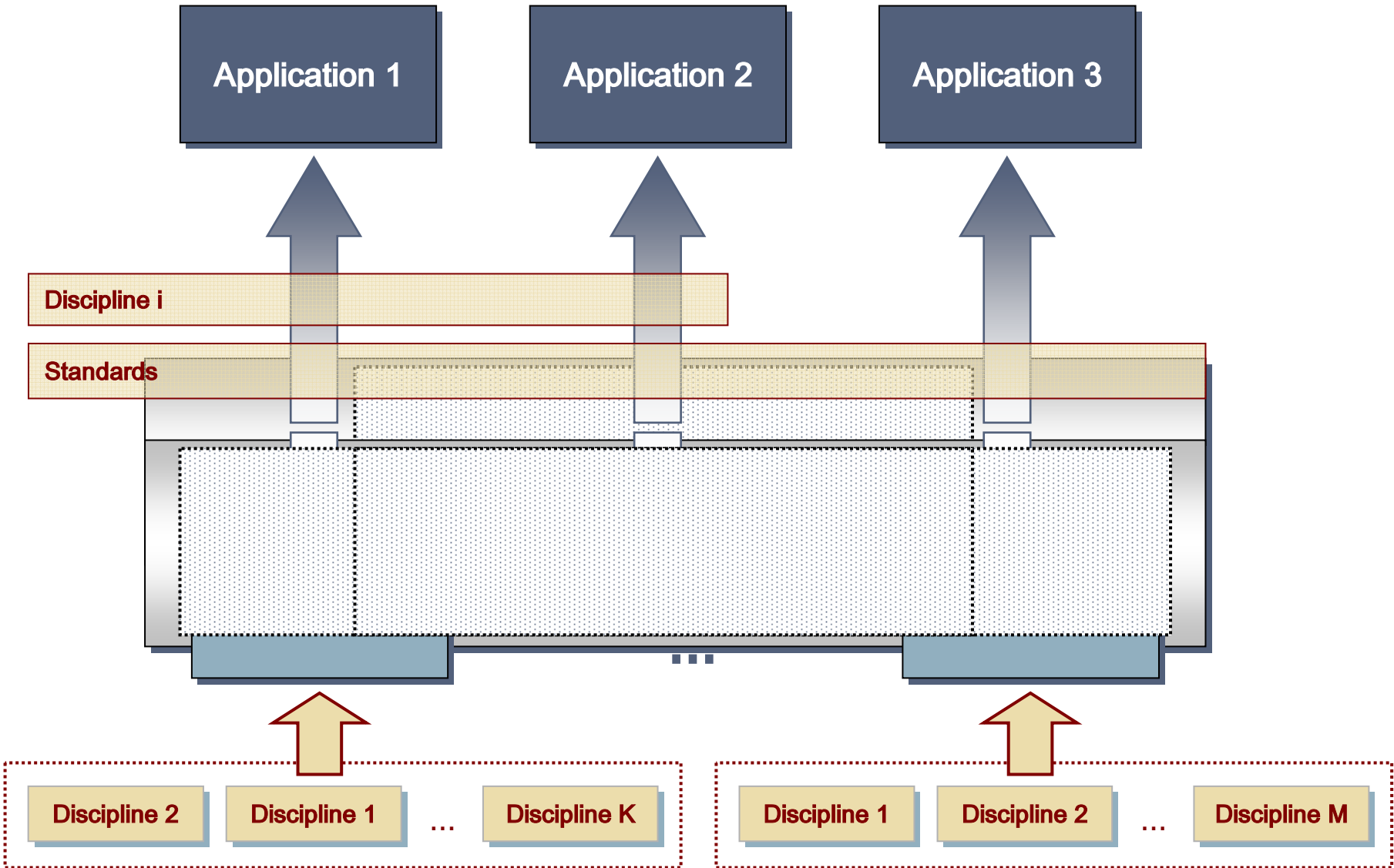


# Position statement





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# Position statement: Tools

- Theoretical framework for **multimedia fusion** still needed
  - Basic tools
    - Thanks to the **speech/audio** people.
    - Develop new tools: **bricks**.
    - High-level fusion should become lower: **benefits**.
  - Include new concepts
    - Media compensation.
    - Media inhibition.
    - Media scalability.
  
- **Multidisciplinary** study of all types of information
  - Text: Natural language, Signal Processing, ...
  - Image: Computer Vision, Signal Processing, ...
  - Speech: Signal Processing, Computer Science, Linguistics, ...



# Position statement: Applications

- Applications based on **multimedia content analysis**
  - Should not wait for the theoretical framework to be established
    - Application driven approaches may be very useful for theoretical research: **sports contents**.
    - New concepts are appearing: **rough indexing**.
  - Should have a standard to rely on
    - Success and less investment
  - Should take into account other disciplines
    - Usability (ergonomics): **Interfaces and Navigation**
- **Anything else?**
  - Some publicity?



## **Fourth International Workshop on Content-Based Multimedia Indexing, CBMI 2005**

**June 22-24, 2005**

**Reval Hotel Latvija, Riga, Latvia**

*<http://cbmi05.cs.tut.fi>*

- **Multimedia indexing and retrieval (image, audio, video, text)**
- **Multimedia content extraction**
- **Matching and similarity search**
- **Construction of high level indices**
- **Multi-modal and cross-modal indexing**
- **Representation models**
- **Content-based search techniques**
- **Multimedia data mining**
- **Presentation tools**
- **Meta-data compression and transformation**
- **Handling of very large scale multimedia database**
- **Organisation, summarisation and browsing of multimedia documents**
- **Applications**