

# Three major research directions

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- **Content Networks**

- Content Centric Networks, Opportunistic Networks for content distribution, Media Networks...
  - Home Gateway at the center of the media experience

- **Workflow & content access**

- Search, content management
- Automated metadata data insertion, content manipulation

- **Content emotion**

- 3D (video, virtual)
- User generated content
- Social networks
- Immersive audio/video