



**ifis**

Institut für Informationssysteme  
Technische Universität Braunschweig



Leibniz-WissenschaftsCampus  
**Postdigitale Partizipation**  
Braunschweig

# On Narratives in Event-Centric Information Systems

**Participation and the Postdigital'23 @ Braunschweig, DE**

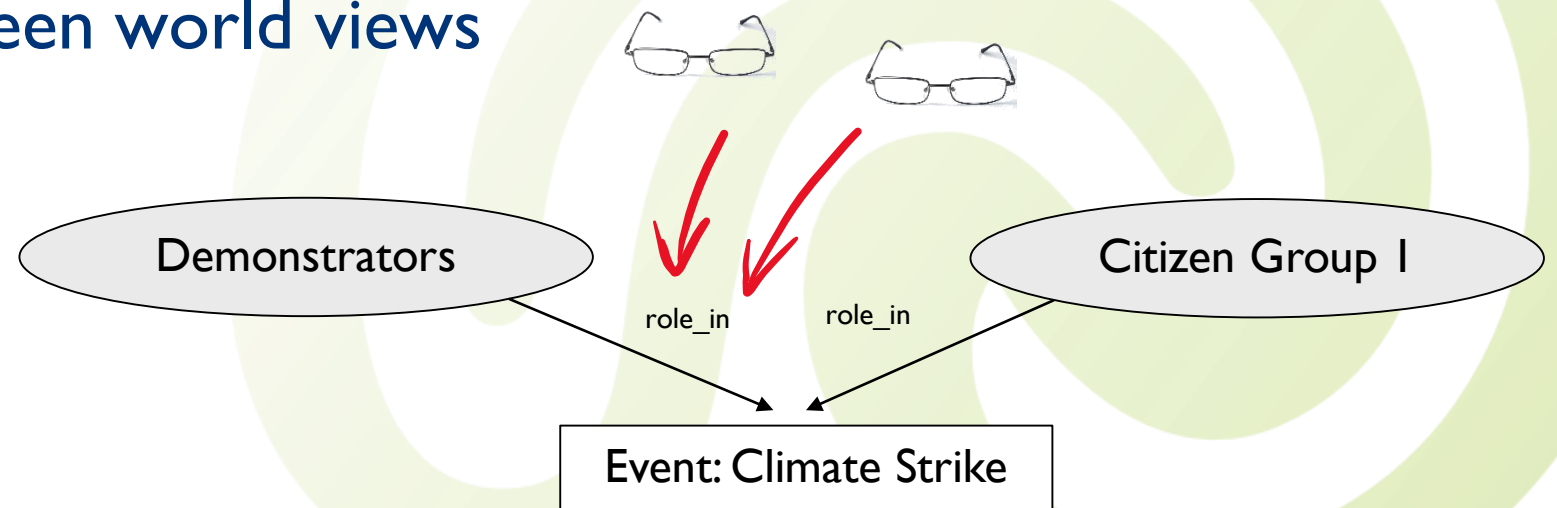
**Florian Plötzky and Wolf-Tilo Balke**

Institute for Information Systems  
TU Braunschweig, Germany



# Event-Centric IS

- Event-Centric Information Systems as a means of:
  - *storing* event knowledge
    - Events  $\equiv$  happening at a specific time and location
  - *categorizing* events from multiple world views
  - *finding connectors* between world views





# Fragmentation

- *Fragmentation* in public topics or regarding specific events is (often) caused by different world-views
  - e.g., climate activists events with high polarization
  - Result of polarization





# State of Affairs (Postdigital Worlds)

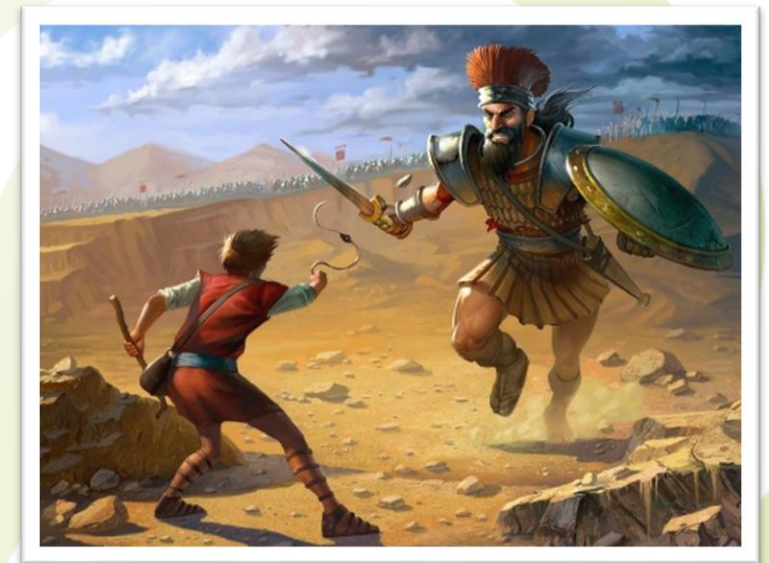
- Fragmentation increased in a postdigital world
  - Beside a higher degree of *connectedness* through digital systems
  - More attention by more *extreme claims*
- **Problem:** fragmentation *hinders* participation
  - ... beyond fragments
  - **How to capture world views?**





# Narrative (as a means to an end)

- Narratives as constitution of group identities:
  - To make real-world events *plausible*
  - To *unify* world views (i.e., categorize them)
- Key: common *associations* of narrative roles
  - *Demonstrators* = *David in a fight vs regulators?*





# Welcome to the new world

- And it's getting harder and harder to differentiate between reality and manufactured realities

Erfundenes Schumacher-Gespräch  
Fake-Interview: Chefredakteurin muss gehen

22.04.2023 01:01 Uhr 

Nach Veröffentlichung eines "Interviews" mit Michael Schumacher hat die Funke-Mediengruppe die Chefin von "die aktuelle" entlassen. Das Gespräch war mittels KI generiert worden.



AI 'godfather' Geoffrey Hinton warns of dangers as he quits Google

🕒 1 day ago · 💬 Comments





# Key Problems

- From a CS perspective:
  - Modeling views in knowledge repositories
  - Extraction and categorization algorithms
- From a non-CS perspective:
  - Which narratives are there and what are their meanings?
  - How to construct connection points?
    - i.e., how to align viewpoints sharing different narratives?





# Thank You!



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Universität  
Braunschweig

If you have any questions,  
contact me via:



[ploetzky@ifis.cs.tu-bs.de](mailto:ploetzky@ifis.cs.tu-bs.de)