Web Search and Data Mining at the Institute for Web Science and Technologies: Cooperation Potentials

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Who we are:

- **Institute WeST:**
  - founded in 2009
  - director: Prof. Steffen Staab
  - comprises 4 professors, 5 post-docs & 11 PhD candidates
  - master program in Web Science
  - over 90 industrial and academic partnerships
  - over 25 funded projects (EU, DFG, BMBF, BMWi, industry)
  - Idea, knowledge and technology transfer
    - successful start-ups based in WeST
Working Groups at WeST

- Semantic Web
- Computational Social Science
- Web Search and Data Mining
- Interactive Web and Human Computing
- Software and Services in the Web
- Online Reputation and Management
- Digital Markets
- E-Government and E-Participation
- Web Entrepreneurship and Knowledge Transfer
Web Search and Data Mining

• Data Mining and Big Data algorithms
  – Text Mining
  – Knowledge Discovery from Big Data (value creation)
  – Argumentation Mining

• Observing Bias in the Data, Algorithms and Social machines

• Probabilistic models in topic detection covered in Unstructured Data (e.g. online media)

• Fact Checking and Misinformation Discovery from the Web
Potential and Relevant EU calls

- **ICT-14-2016-2017**: Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation
  - Deadline: 25 April 2017

- **ICT-15-2016-2017**: Big Data PPP: Large Scale Pilot actions in sectors best benefitting from data-driven innovation
  - Deadline: 25 April 2017
Thank You!