Zusammenfassung:
Social Networks, for all the good they can bring, can also be a dangerous place for children and adolescents: cyberbullying, suicide intentions, and grooming by pedophiles masking as children, can go unnoticed in the large volume of online interactions. The AMiCA ("Automatic Monitoring for Cyberspace Applications") project aims to mine relevant social media (blogs, chat rooms, and social networking sites) and collect, analyse, and integrate large amounts of information using text and image analysis. The ultimate goal is to trace harmful content, contact, or conduct in an automatic way. We take a cross-media mining approach that allows us to detect risks "on-the-fly". When critical situations are detected (e.g. a very violent communication), alerts can be issued to moderators of the social networking sites. When used on aggregated data, the same technology can be used for incident collection and monitoring at the scale of individual social networking sites. In addition, the technology can provide accurate quantitative data to support providers, science, and government in decision-making processes with respect to child safety online. In this presentation, I will describe the project and focus on some recent computational stylometry research within it.

Kurzlebenslauf:
Walter Daelemans studied linguistics and psycholinguistics in Antwerpen and Leuven and trained as a computational linguist in Nijmegen and the Brussels AI-lab. While teaching computational linguistics at the University of Tilburg, he created a research group on Machine Learning of Language (ILK) and started investigating among other things memory-based learning approaches to language processing. He is currently professor of computational linguistics at the University of Antwerp where he directs the computational linguistics group of CLiPS. His current research interests include machine learning for NLP, computational stylometry and digital humanities.

Ansprechpartner:
Prof. Dr. Iryna Gurevych (gurevych@ukp.informatik.tu-darmstadt.de, Tel.: 06151/16-5411)