

Creative Language for Humorous and Political Purposes

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Abstract:

Language serves many functions beyond communicating information. We have created statistical models for recognizing, analyzing, and generating creative humorous language in two contexts: entertainment and politics. This is joint work with Nabil Hossain and John Krumm.

Bio: Henry Kautz is serving as Division Director for Information & Intelligent Systems (IIS) at the National Science Foundation where he leads the National AI Research Institutes program. He is a Professor in the Department of Computer Science and was the founding director of the Goergen Institute for Data Science at the University of Rochester. He has been a researcher at AT&T Bell Labs in Murray Hill, NJ, and a full professor at the University of Washington, Seattle. In 2010, he was elected President of the Association for Advancement of Artificial Intelligence (AAAI), and in 2016 was elected Chair of the American Association for the Advancement of Science (AAAS) Section on Information, Computing, and Communication. His interdisciplinary research includes practical algorithms for solving worst-case intractable problems in logical and probabilistic reasoning; models for inferring human behavior from sensor data; pervasive healthcare applications of AI; and social media analytics. In 1989 he received the IJCAI Computers & Thought Award, which recognizes outstanding young scientists in artificial intelligence, and 30 years later received the 2018 ACM-AAAI Allen Newell Award for career contributions that have breadth within computer science and that bridge computer science and other disciplines. At the 2020 AAAI Conference he received both the Distinguished Service Award and the Robert S. Engelmore Memorial Lecture Award.