

Stent, Amanda and Srinivas Bangalore. *Natural Language Generation in Interactive Systems*. New York, NY: Cambridge University Press, 2014, 363 pp. \$65.00 (Hardbound).

An informative and comprehensive overview of the state-of-the-art in natural language generation (NLG) for interactive systems, this guide introduces graduate students and new researchers to the field of natural language processing and artificial intelligence, while inspiring them with ideas for future research. Detailing the techniques and challenges of NLG for interactive applications, it focuses on research into systems that model collaborativity and uncertainty, are capable of being scaled incrementally, and can engage with the user effectively. A range of real-world case studies is also included.

The book and the accompanying website feature a comprehensive bibliography, and refer the reader to corpora, data, software, and other resources for pursuing research on natural language generation and interactive systems, including dialogue systems, multimodal interfaces, and assistive technologies. It is an ideal resource for students and researchers in computational linguistics, natural language processing, and related fields.

Amanda Stent is a researcher at AT&T Labs – Research. Her areas of interest are at the intersection of dialogue systems and natural language generation and include coreference, sentence planning, alignment in dialogue, and applications of NLG to topics ranging from computer security to assistive technology. Dr. Stent has authored over 70 research publications and holds several patents.

Srinivas Bangalore has been at AT&T Labs – Research since 1997 and has worked on many areas of natural language processing, including Spoken Language Translation, Multimodal Understanding, Language Generation, and Question-Answering. He has co-edited a book on Supertagging, authored over 100 research publications, and holds 45 patents in these areas. He has been awarded the AT&T Outstanding Mentor Award and the AT&T Science and Technology Medal.