Selection of papers for the seminar Controllable Neural Text Generation

This is a list of papers that students can pick from. The list is not comprehensive: feel free to find other relevant papers and email me your suggestions.

1. Xu, P., Patwary, M.A., Shoeybi, M., Puri, R., Fung, P., Anandkumar, A., & Catanzaro, B. (2020). Controllable Story Generation with External Knowledge Using Large-Scale Language Models. *EMNLP*.
2. Kedzie, C., & McKeown, K. (2020). Controllable Meaning Representation to Text Generation: Linearization and Data Augmentation Strategies. *EMNLP*.
3. Sennrich, R., Haddow, B., & Birch, A. (2016). Controlling Politeness in Neural Machine Translation via Side Constraints. *NAACL*.
4. Ficler, J., & Goldberg, Y. (2017). Controlling Linguistic Style Aspects in Neural Language Generation. *Proceedings of the Workshop on Stylistic Variation*.
5. Prabhumoye, S., Tsvetkov, Y., Salakhutdinov, R., & Black, A.W. (2018). Style Transfer Through Back-Translation. *ACL*.
6. Agrawal, S., & Carpuat, M. (2019). Controlling Text Complexity in Neural Machine Translation. *EMNLP-IJCNLP*.
7. Michel, P., & Neubig, G. (2018). Extreme Adaptation for Personalized Neural Machine Translation. *ACL*.
8. Logeswaran, L., Lee, H., & Bengio, S. (2018). Content preserving text generation with attribute controls. *NeurIPS*.
9. Fan, A., Grangier, D., & Auli, M. (2018). Controllable Abstractive Summarization. *NMT@ACL*.
10. Li, D., Zhang, Y., Gan, Z., Cheng, Y., Brockett, C., Sun, M., & Dolan, W.B. (2019). Domain Adaptive Text Style Transfer. *EMNLP-IJCNLP*.
11. Moryossef, A., Goldberg, Y., & Dagan, I. (2019). Step-by-Step: Separating Planning from Realization in Neural Data-to-Text Generation. *NAACL*.
12. Puduppully, R., Dong, L., & Lapata, M. (2019). Data-to-Text Generation with Content Selection and Planning. *AAAI*.
13. Gupta, P., Bigham, J.P., Tsvetkov, Y., & Pavel, A. (2021). Controlling Dialogue Generation with Semantic Exemplars. *NAACL*.

14. Peng, B., Zhu, C., Li, C., Li, X., Li, J., Zeng, M., & Gao, J. (2020). Few-shot Natural Language Generation for Task-Oriented Dialog. *EMNLP*.
15. Martin, L., Sagot, B., Villemonte de la Clergerie, E., & Bordes, A. (2020). Controllable Sentence Simplification. *LREC*.
16. Martin, L., Fan, A., Villemonte de la Clergerie, E., Bordes, A., & Sagot, B. (2020). Multilingual Unsupervised Sentence Simplification. *ArXiv, abs/2005.00352*.
17. Maddela, M., Alva-Manchego, F., & Xu, W. (2021). Controllable Text Simplification with Explicit Paraphrasing. *NAACL*.
18. Singh, I., Barkati, A., Goswamy, T., & Modi, A. (2020). Adapting a Language Model for Controlled Affective Text Generation. *COLING*.
19. Oraby, S., Harrison, V., Ebrahimi, A., & Walker, M.A. (2019). Curate and Generate: A Corpus and Method for Joint Control of Semantics and Style in Neural NLG. *ACL*.
20. Shen, X., Suzuki, J., Inui, K., Su, H., Klakow, D., & Sekine, S. (2019). Select and Attend: Towards Controllable Content Selection in Text Generation. *EMNLP/IJCNLP*.
21. Lyu, Y., Liang, P.P., Pham, H.X., Hovy, E.H., Poczos, B., Salakhutdinov, R., & Morency, L. (2021). StylePTB: A Compositional Benchmark for Fine-grained Controllable Text Style Transfer. *NAACL*.
22. Rao, S., & Tetreault, J.R. (2018). Dear Sir or Madam, May I Introduce the GYAFC Dataset: Corpus, Benchmarks and Metrics for Formality Style Transfer. *NAACL*.

This list is subject to change. The order on the list doesn't indicate the order of presentations.

Where to look for interesting papers?

- Semantic scholar: covers different fields
- ACL Anthology: computational linguistics and NLP
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