# Speech and Time Series List of Resources

* [Soft-DTW: a Differentiable Loss Function for Time-Series](https://arxiv.org/pdf/1703.01541.pdf) Marco Cuturi (ENSAE / CREST) - Mathieu Blondel (NTT) ICML
  + <https://github.com/mblondel/soft-dtw/tree/master/examples>
* Cascade Dynamics Modeling with Attention-based Recurrent Neural Network Yongqing Wang, Shenghua Liu, Huawei Shen, Jinhua Gao, Xueqi Cheng IJCAI
  + <http://yongqwang.com/public/res_dat/UAI_demo.tar.gz>
* [Neural Audio Synthesis of Musical Notes with WaveNet Autoencoders](https://arxiv.org/pdf/1704.01279.pdf) Cinjon Resnick (Google Brain) - Adam Roberts (Google Brain) - Jesse Engel (Google Brain) - Douglas Eck (Google Brain) - Sander Dieleman (DeepMind) - Karen Simonyan (DeepMind) - Mohammad Norouzi (Google) ICML
  + https://github.com/tensorflow/magenta/blob/master/demos/nsynth/Exploring\_Neural\_Audio\_Synthesis\_with\_NSynth.ipynb