Deep neural network for bandwidth enhancement of photoacoustic data

**Python Code :** (requires keras with Theano as backend)

#Implementation of the proposed deep neural network: DNN\_Bandwidth\_Enhancement.py

This Python code is used as part of the work presented in:

Sreedevi Gutta, Venkata S. Kadimesetty, Sandeep K. Kalva, Manojit Pramanik, Sriram Ganapathy, and Phaneendra K. Yalavarthy, “Deep Neural Network based Bandwidth Enhancement of Photoacoustic Data," Journal of Biomedical Optics, 22(11), 116001 (2017).