

**Project 4 (Dettori):** “*Texture classification algorithms testing*”. Several algorithms for texture-based classification of normal tissues in computed tomography images of the chest and abdomen have been previously developed by the group. Such algorithms used texture features based on co-occurrence, run-length, wavelet, ridgelet and curvelet transforms. In this project we explore texture features based on Gabor filters. The discriminating power of Gabor-based features for classification is evaluated using Classification and Regression Trees decision tree classifiers.

