

Prof. Henry Horng-Shing Lu / Institute of Statistics

Statistics and Applications, Image Science, Big Data

- (1) **Statistics and Applications:** function estimation, wavelet analysis, survival analysis, reliability studies, statistical computing, EM algorithms, bootstrap methods, random number generators, simulation methods...
- (2) **Image Science:** image reconstruction, image analysis, medical images, positron emission tomography, ultrasound imaging, magnetic resonance imaging, neuroimaging, computer-aided diagnosis systems...
- (3) **Big Data:** data science, machine and statistical learning, network analysis, graphical models, genomic researches, systems biology, software and hardware co-designs, internet of things, smart campus...

