



# ICA Unsupervised Learning Pioneer Award 2012

*presented to*

**Dr. Emmanuel Vincent**  
IRISA/INRIA Rennes (France)

*ICA Unsupervised Learning Pioneer Award is given for  
contributions in Signal Separation.*

*Conference 8401: Independent Component Analyses, Wavelets, Neural Networks,  
Biosystems, and Nanoengineering X*

*Presented by  
Harold Szu  
Liyi Dai  
2012 Conference Chairs*

