

IEEE Workshop on Multimodal and Alternative Perception for Visually Impaired People (MAP4VIP)

Room: Crystal; Date: 7/15/2013; Time: 08:00 – 18:00

General Chairs: Zhigang Zhu, Zhengyou Zhang, Kok-Meng Lee, Yann LeCun

Program Chairs: Shawn Kelly, Tony Ro, Yingli Tian

Panel Discussion: Vision for the Blind: Need, Challenges and Hope

Co-Chairs: Shawn Kelly (Carnegie Mellon University) and Tony Ro (City University of New York)

Panelists: Barbara Campbell, James Coughlan, Kok-Meng Lee, Francis Quek, James Weiland, Mohammed Yousuf, David Zhou

List of possible questions:

1. What is the best quality of patient assistive device that you think might be developed within the next 5 years. What would such a device allow currently-visually-impaired people to do?
2. What are some of the biggest challenges and obstacles that visually impaired individuals may face in their everyday lives?
3. What are some of the current limitations in developing visual assistive technologies?
4. What considerations are used to determine whether an assistive technology device will be adopted and widely used (e.g., cost, size)?
5. What types of standardized, scientific tests can we perform with visually impaired people to quantify the improvement in performance of visual tasks and in quality of life across the wide variety of available assistive devices?