



## Workshop on m-Science (6 Feb), followed by: Science Dissemination for the Disabled (7 Feb)

Organizer(s): E. Canessa, C. Fonda, M. Zennaro, K. Trivedi. ICTP Local Organizer: E. Canessa  
Trieste - Italy, 06 - 07 February 2014

### Final programme

**Mobile (m-) Science, 6 Feb. 2014** (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))

**6 February 2014**

- 08:30 - 09:45** (Room: Adriatico Guest House (Lower Level 1))  
**Registration and Administrative Matters**
- 09:45 - 10:00** **E. Canessa** / *ICTP-SDU, Trieste*  
**Opening**
- 10:00 - 10:30** **M. Zennaro** / *ICTP-SDU, Trieste*  
**Introduction to m-Science**
- 10:30 - 10:45** **L. Morganti** / *CNAF-INFN Bologna, Italy*  
**Computing, Large-scale Storage and Data Transfer in Astrophysics**
- 10:45 - 11:00** **via SKYPE: Steve Chan** / *Harvard Kennedy School, USA*  
**Human as Sensors**
- 11:00 - 12:00** **K. Trivedi** / *Gujarat Tech. Univ., Gujarat, India*  
**Educational Apps for Mobiles**
- 12:00 - 14:00** (Room: Adriatico Guest House Cafeteria)  
--- Lunch Break ---
- 14:00 - 14:30** **D. Bevc** / *Invento Ura, Slovenia*  
**Knowledge Retrieval with Advanced Semantic Tools**

- 14:30 - 15:00**      **K. Trivedi**  
**Rapid App Development for Android Devices without Coding**
- 15:00 - 15:15**      **S. D'Ambrosio, M. Restaino / Soc. Adriatica di Speleologia, Trieste**  
**Sensing the Timavo Underground River**
- 15:15 - 16:00**      **F. Deganis / Immaginario Scientifico Sci. Centre, Trieste**  
**Demo: Tablets and Smartphone Software for Data Analysis**
- 16:00 - 16:30**      (Room: Adriatico Guest House (Lower Level 1))  
--- Coffee Break and Group Photo ---
- 16:30 - 16:45**      **A. N. Mian, / Nat. Univ. Comp. & Emerging Sciences, Pakistan**  
**Exploiting the Sensors in the EFI Vehicle and Smartphones**
- 16:45 - 17:00**      **K. Oulmaati / Abdelmalek Essaadi Univ., Morocco**  
**Mobile App to Learn French for Primary Level Students**
- 17:00 - 17:15**      **A. Taha / Univ. Sci. & Tec., Sudan**  
**Android based App for Interactive Learning**
- 17:15 - 17:30**      **Md. A. Hossain / Atomic Energy Commission, Bangladesh**  
**Mobile and e-Learning Systems of Nuclear Education**

**Science Dissemination for the Disabled, 7th Feb. 2014 (Room:Adriatico Guest House - Eklund Informatics Lab (Lower Level 1))**

**7 February 2014**

- 08:45 - 09:15**      **L. Canas / Nucleo Interactivo de Astronomia, Portugal**  
**Meet our Neighbours! - A Tactile Experience**
- 09:15 - 10:00**      **C. Fonda / ICTP-SDU, Trieste**  
**Demo: Low-cost 3D Printers Applications for the Disabled**
- 10:00 - 10:30**      (Room: Adriatico Guest House (Lower Level 1))  
--- Coffee Break ---
- 10:30 - 11:00**      **C. Fonda**  
**Demo: Low-cost 3D Printers Applications for the Disabled contd.**
- 11:00 - 11:30**      **B. Garcia / ITeDA, CNEA-CONICET-UNSAM, Argentina**  
**Astronomy and Disability: What is Essential is Invisible to Eye**
- 11:30 - 12:00**      **M. Ronchetti, A. Zanella / Univ. Trento, Italy**  
**Contextual Terms to Support Students with Disability**
- 12:00 - 13:45**      (Room: Adriatico Guest House Cafeteria)  
--- Welcome Buffet ---
- 13:45 - 14:00**      **E. Canessa, L. Tenze / ICTP-SDU, Trieste**  
**A Voice-Controlled Sign Language System**
- 14:00 - 14:45**      **Keynote Speakers: D. Proust, R. Courtin / Observatoire de Meudon, France**  
**Astronomy for Everybody**
- 14:45 - 15:00**      **C. Pravisan / Psychology-Psychoterapist Studio, Trieste**  
**Autism, Communication and Technology**

- 15:00 - 15:20**     **O. K. Boyinbode / *Federal Univ. Tech., Nigeria***  
**MOBILect: Interactive Mobile Lecturing Tool to Comment Lecture Vodcasts and to Empower Disabled Learners**
- 15:20 - 15:40**     **M. Ronchetti, A. Zanella**  
**Video Lectures for Visually Impaired Students**
- 15:40 - 16:00**     **T. De Marchi / *Univ. Trieste***  
**A Virtual Visit to the Grotta Gigante Cave in Trieste**
- 16:00 - 16:30**     (Room: Adriatico Guest House (Lower Level 1))  
--- Coffee Break ---
- 16:30 - 16:45**     **Y. Pramudya / *Univ. Ahmad Dahlan, Indonesia***  
**A Science Laboratory for low-Vision Students**
- 16:45 - 17:20**     **K. Trivedi**  
**Social Networking and Thought to Speech Conversion via Brainwaves for the Disabled**
- 17:20 - 17:30**     **Closing Remarks and Certificates to Participants**