



The Abdus Salam  
International Centre for Theoretical Physics



## Workshop on Mobile Science: Sensing, Computing and Dissemination

Organizer(s): Directors: E. Canessa, C. Fonda, M. Zennaro  
Trieste - Italy, 02 - 05 November 2010

**Venue: Adriatico Guest House Giambiagi Lecture Hall**

### Programme

**Tuesday, 2 November 2010** (Room:Adriatico Guest House Giambiagi Lecture Hall)

- 09:00 - 09:30** (Room: Desk, Lower level 1, Adriatico Guest House)  
--- Registration ---
- 09:30 - 11:00** (Room: Fermi building )  
**Time for Administrative Matters**
- 11:00 - 11:30** **Opening Address and m-Science Book**
- 11:30 - 12:45** **Deborah Estrin / UCLA, USA**  
**Introduction to Participatory Sensing**
- 12:45 - 14:00** --- Lunch ---
- 14:00 - 15:30** **Lorenzo Cantoni / University of Lugano, Switzerland**  
**e-Learning and m-Learning: A Methodological Frame Work**
- 15:30 - 16:30** **Sara Vannini / University of Lugano, Switzerland**  
**Using Mobile Devices to Raise Cultural Awareness-I**
- 16:30 - 17:00** --- Coffee Break ---
- 17:00 - 18:30** **Gaetano Borriello / University of Washington, USA**  
**Open Data Kit (ODK): Mobile Data Collection for Android**

**Wednesday, 3 November 2010** (Room:Adriatico Guest House Giambiagi Lecture Hall)

- 08:45 - 10:00**      **Gaetano Borriello and Carl Hartung** / *University of Washington, USA*  
**Mobile Applications in the Developing World**
- 10:00 - 10:30**      --- Coffee Break and Group Photo ---
- 10:30 - 11:30**      **Gaetano Borriello** / *University of Washington, USA*  
**Mobile Applications in the Developing World with ODK**
- 11:30 - 12:45**      **Sara Vannini** / *University of Lugano, Switzerland*  
**Using Mobile Devices to Raise Cultural Awareness-II**
- 12:45 - 14:00**      --- Lunch ---
- 14:00 - 16:30**      **David Wolber** / *University of San Francisco, USA*  
**Using Google App Inventor to Design Mobile Applications-I**
- 16:30 - 17:00**      --- Coffee Break ---
- 17:00 - 18:30**      **David Wolber** / *University of San Francisco, USA*  
**Using Google App Inventor to Design Mobile Applications-II**
- 19:00 - 22:00**      --- Get Together Reception ---

**Thursday, 4 November 2010** (Room:Adriatico Guest House Giambiagi Lecture Hall)

- 08:45 - 10:00**      **Pankaj Nathani** / *Croozeus, India*  
**Mobile Python-I**
- 10:00 - 10:30**      --- Coffee Break ---
- 10:30 - 11:30**      **Pankaj Nathani** / *Croozeus, India*  
**Mobile Python-II**
- 11:30 - 12:45**      **Interactive Session: Attendees Needs for Participatory Sensing Data Collection Campaigns, and Mapping to Existing Tools ? Deborah Estrin (UCLA, USA) and attendees**
- 12:45 - 14:00**      --- Lunch ---
- 14:00 - 16:30**      **Gaetano Borriello\***, **Carl Hartung\***, **Mitch Sundt\*** and **Pankaj Nathani\*\*** / *\*University of Washington, USA - \*\* Croozeus, India*  
**Mobile Data Collection in Miramare Park (Android and Mobile Python)**
- 16:30 - 17:00**      --- Coffee Break ---
- 17:00 - 18:30**      **Gaetano Borriello\***, **Carl Hartung\***, **Mitch Sundt\*** and **Pankaj Nathani\*\*** / *\*University of Washington, USA - \*\*Croozeus, India*  
**Results Analysis from the Park Activity**

**Friday, 5 November 2010** (Room:Adriatico Guest House Giambiagi Lecture Hall)

- 08:30 - 09:30**     **Gaetano Borriello and David Wolber<sup>o</sup>** / *University of Washington, UCLA and \*University of San Francisco, USA*  
**Experience Sharing on Mobile in the Curricula**
- 09:30 - 10:15**     **Edwar Jaser and \*Selim Bensalah** / *Jordan and \*Tunisia*  
**Case Studies by Participants - Social Health and IC for Rural Communities in Jordan -- & \*3D Characterization of Local Cartical Bone Porosity**
- 10:15 - 10:30**     --- Coffee Break ---
- 10:30 - 11:30**     **Mathias Hatakka** / *Orebro University, Sweden*  
**m-Learning: Tools and Applications**
- 11:30 - 12:30**     **Mathias Hatakka** / *Oebro University, Sweden*  
**m-Learning: Tools and Applications**
- 12:30 - 13:00**     **Final Discussion and Certificates to Participants**