



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^o** / *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**