







The Part of the Pa





FB event: https://goo.gl/nfkO9b

CINI University Challenge: what is that?

- Objective: to involve students (and their tutors) into a national Smart City Challenge
- Open to: any University in the Lab
- How: Course projects or hackatons
- When: Two phases



Phase I





 Each university had to work on one smart system component only

 A best team has been selected from each University

Phase II





- All projects have been integrated
- The best teams met in L'Aquila to complete their integration

 ICPE conference presentation

Phase I: distributed work

Smart Cities University Challenge



- 20 students from 6 Universities:
 - L'Aquila
 - Ca' Foscari Venezia
 - Milano-Bicocca
 - Parma
 - Roma Tor Vergata
 - Sannio











Smart Mobility



beaconbus



Smart Card @ University



Monitoring & Control of Public Lighting



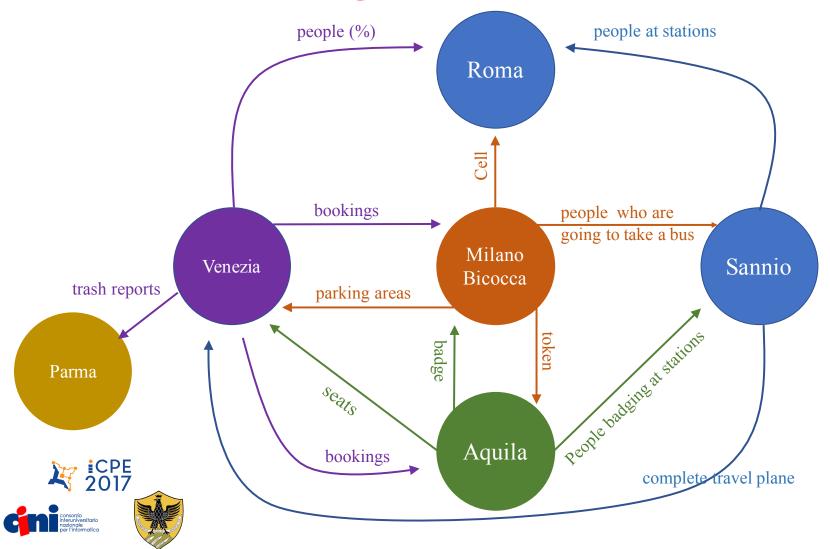
Garbage Collection

Phase II: the teamwork

Integration Scenario

- Management of the National Celebration Day in Rome
- Management of public transportation and distribution of people among parking areas
- Access management on different city areas based on access levels
- Management of public illumination and garbage collection





The winner is...



The winner is

- 6 Universities:
 - L'Aquila
 - Ca' Foscari Venezia
 - Milano-Bicocca
 - Parma
 - Roma Tor Vergata
 - Sannio University of Milano-Bicocca



University of Sannio





I vincitori...



... e i loro progetti





University of Milano – Bicocca The Team



Davide Ginelli Master Student



Lorenzo Mammana Bachelor Student



Marco Mobilio
Phd Student



Eric Nisoli Bachelor Student

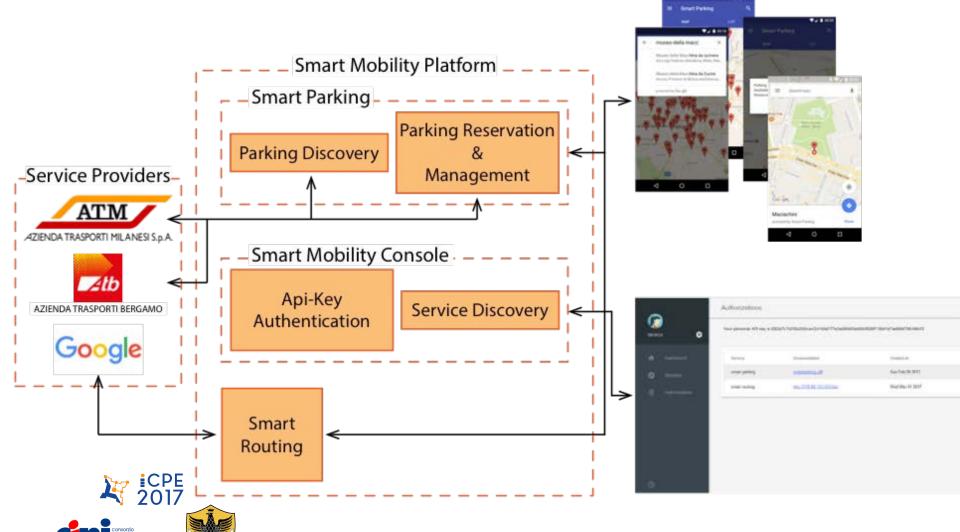
Smart Mobility: the idea

A **smart** navigation system able to...

- Suggest the route to an available parking spot close to the final destination
- Dynamically adjust the route and modify the destination parking according to spots availability and traffic congestion in its premises
- Provide proactive booking of parking spots when in proximity

Smart Mobility







University of Sannio The Team



Danilo Cianciulli Research Fellow



Stefano Soriano Bachelor Student



Andrea Vetrone Bachelor Student



beaconbus

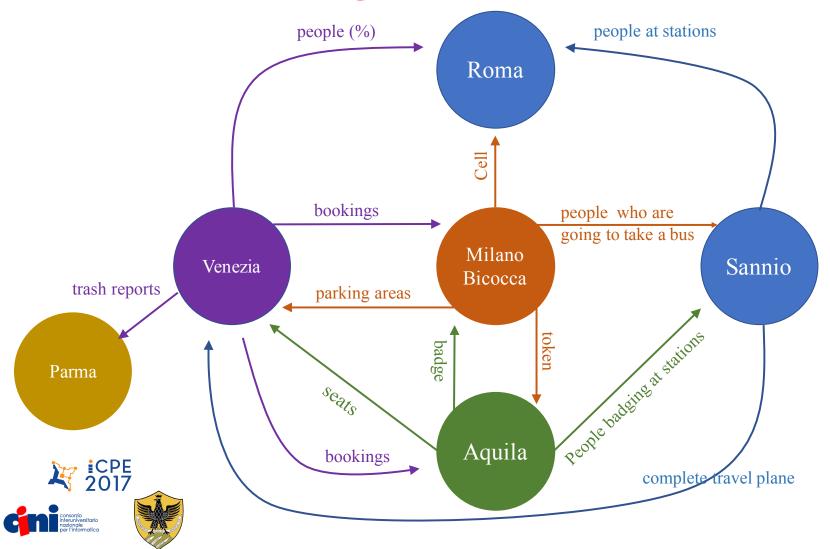


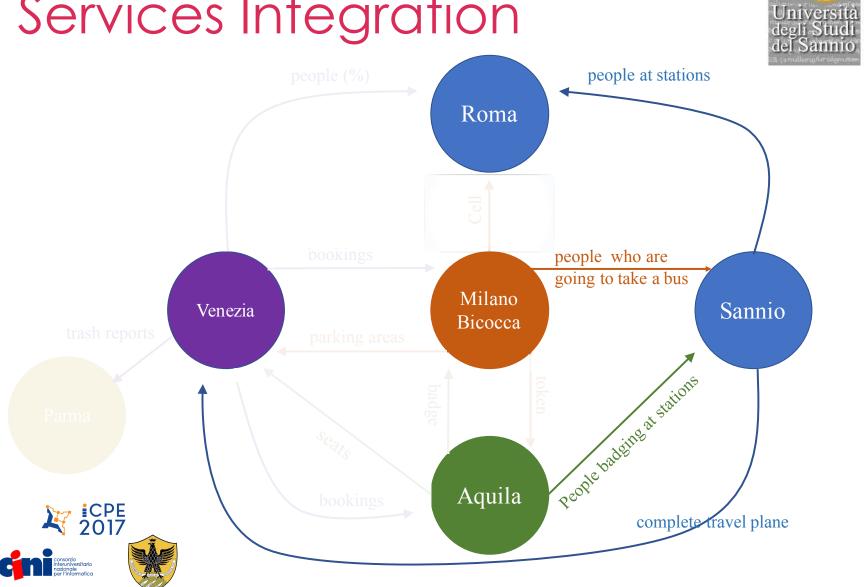
- Distributed public transportation monitoring system
- Key concepts
 - Mobile crowd sensing
 - Uses common smart phones as a sensors instead of expensive dedicated infrastructures
 - Context awareness
 - Uses Bluetooth-based beacons for the detection of buses and stations near to the user
- Main goals
 - Public transportation monitoring and optimization
 - i.e. detect under- and over-used bus lines to improve services and reduce costs
 - Support for users' travel planning
 - i.e. obtain information about current position of buses, average travel times, and estimated times of arrival



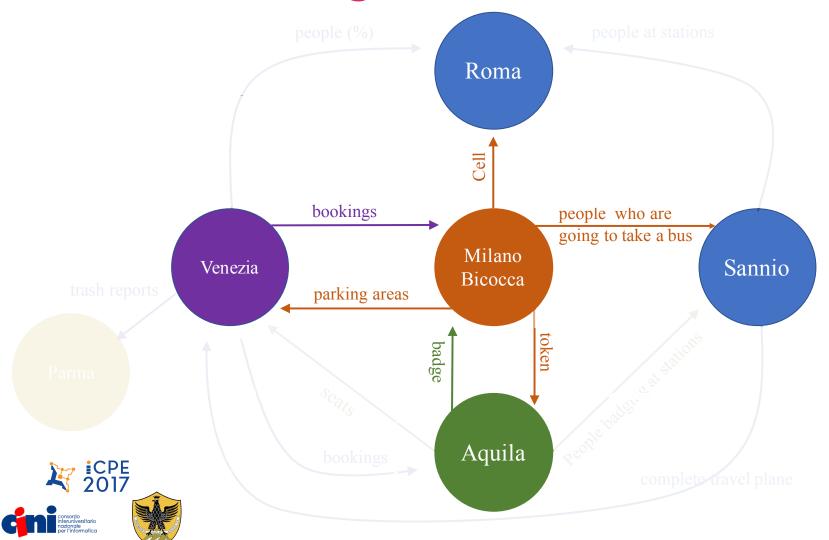




















Co-organizers:



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Formula

1° Fase

Sviluppare servizi su tematiche legate alle smart cities



2° Fase

Realizzare uno scenario applicativo integrando i servizi



Esempi di argomenti



Smart Living e Smart Healthcare



Sicurezza del Cittadino e della Comunità



Efficientamento Energetico e Sostenibilità Ambientale



Mobilità intelligente e sostenibile



Valorizzazione del patrimonio culturale e turistico





A breve la lista completa da cui scegliere con l'obiettivo di coprire il maggior numero di tematiche

Timeline (indicativa)





The fifth edition of the Student Contest on Software Engineering - SCORE - is part of



- ✓ The SCORE Contest is aimed at promoting and fostering software engineering in universities worldwide
- ✓ Each team will develop a software project chosen from a list of projects proposed and sponsored by program committee members



Menu

SCORE 2018 Home

Call for Participation

Important Dates

FAQs

For Instructors

Projects

Contact

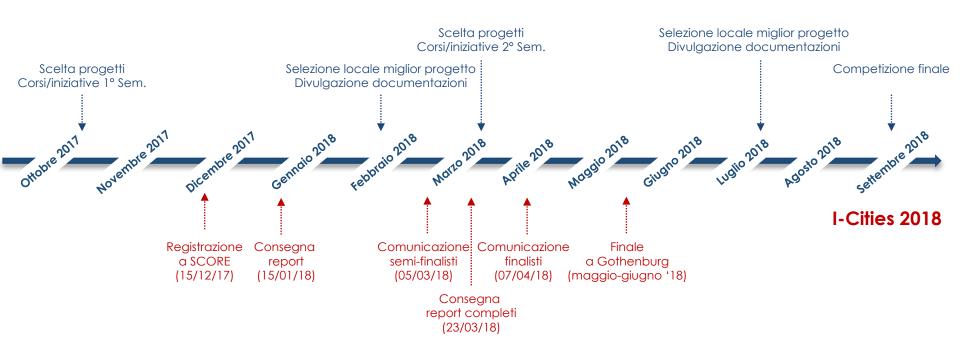
ICSE 2018

SCORE Project Topics

- SNA4Slack: Network Analysis and Visualization for Slack Teams
 Rider Track: Event Rider/Hiker Tracking
 UniPique: Coordinated Picture Set Processing
 CSyllabus: International Computer Science Syllabi Repository
 CSRepo: A Metadata Repository for Computing Conferences
 Brew Day: An Application for Home Brewers
 Slayer: A Thin Layer Chromatography Analyzer for Smart Phones
 ShowMe: Show Me Related Work
- NewMonopoly: An Adapted Monopoly Game PTM: Personalized Travel Monitor
- Travel-nonitor
 Travel-nonitor
 Travel-nonitor
 ChannelX: Transient Shared Communication Channels



Timeline con SCORE





Periodo più esteso









