



# Ride.Link 2.0

## Future developments scenarios



Massachusetts Institute of Technology

Confidential document

# Design directions

An open source platform to allow the development of services to enhance the dialogue between citizens and the Provincia di Brescia, and help the institutions to provide better services.

Ride.Link Wearable media for social sustainability is the first application

# Technical infrastructure

## New infrastructure paradigms

Sight / Insight / Show / Tell

New input and output modalities, allow bracelet to indicate individuality, social and personal status based on physical interaction and encounter with others.

With a combination of different components such as microphone, low-resolution display, speaker, sensors, bracelet can host new generations of emoticons and avatars, which can be shared/exchanged among bracelets network

Reconfigurable bracelet

Bracelet is designed as an open platform where its hardware and software can be configured for different applications and services.

Bracelets can be customized by users from a selection of components (e.g., sensor+mic+flash card or GPS+RFID+Zigbee) for specific applications.

Plug-In bracelet

Bracelet is designed as a modular unit that can detach from its wristband and plug-into different systems.

It can be attached to a computer, car, phone or used as a stand alone unit like a key fob.

# IV. Areas of investigation

a. Media sharing

b. Environment

c. Transportation

d. Security

e. Health

**Networking**

**display &  
sensing**

**Localization &  
Identification**

**Personalization**

**Media sharing**

Lifestyle

Individuation and communal  
awareness building

**Environment**

Social and geographical  
Awareness, Grassroots Education

**Transportation**

Info  
Mobility

**Health**

Local and Communal Caregiving  
(e.g. for elderly)

**Security**

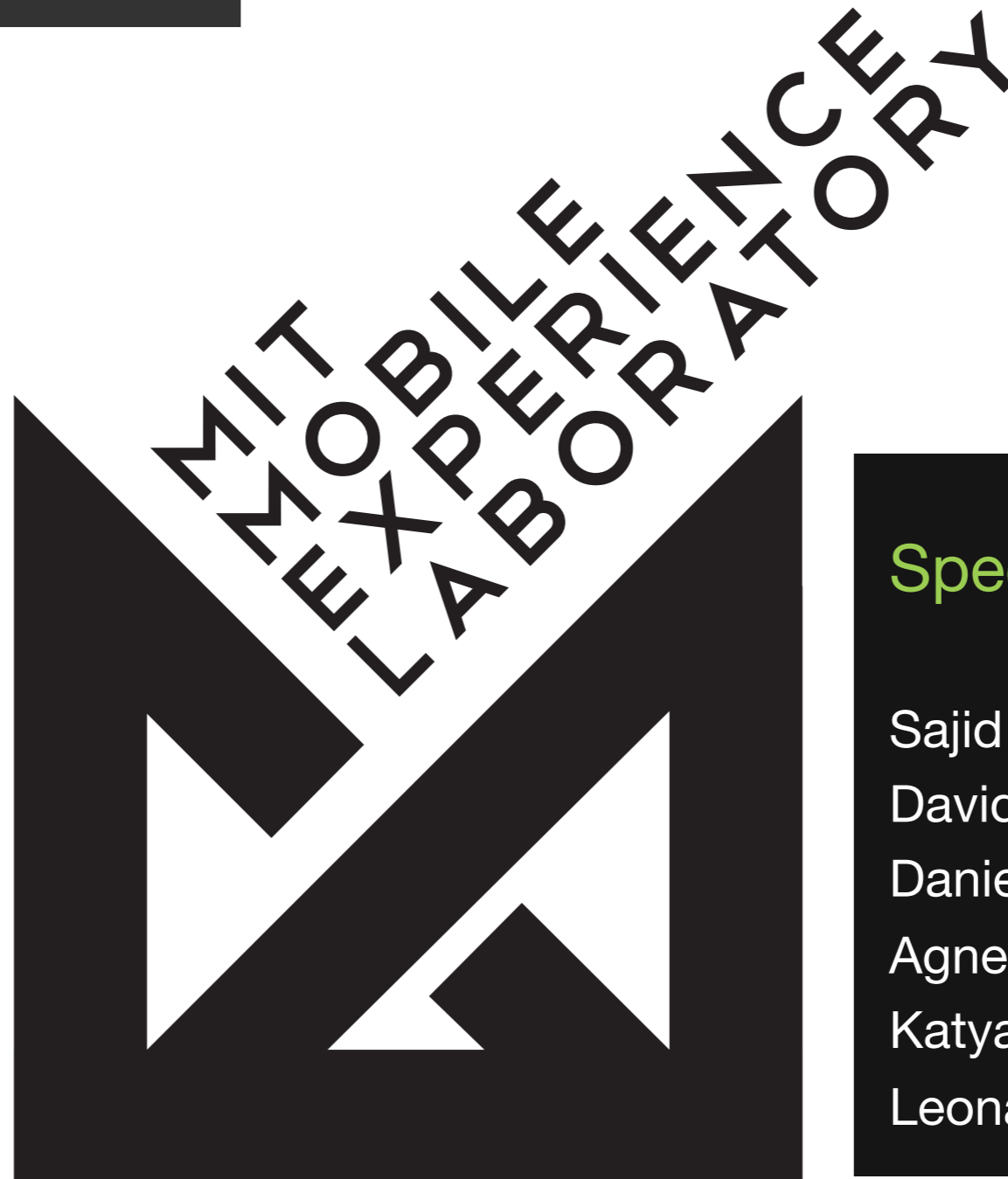
Peer-to-Peer responsibility  
and sousveillance

# RideLink project

## Team

### Core Team

Federico Casalegno  
Orkan Telhan  
Guz Gutmann  
Steve Pomeroy  
Brian McMurray  
Roberto Aimi



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