

## People-centric sensing in the city of the near future

**Fabien Girardin**  
**Pompeu Fabra University**  
<http://girardin.org/fabien/>

### Abstract:

Technological advances in sensing, computation, storage, and communications is turning people as sensors of their own environment. Indeed, the increasing deployment of wireless and mobile devices produce new types of dynamic urban data that people generate by passively and actively interacting with these ubiquitous technologies. In this talk, I will illustrate through a few examples how the analysis and visualization of these data gives the ability to show previously invisible urban dynamics resulting in opportunities to inform the urban design, planning and management processes. Moreover, the increasing integration of these technologies into the fabrics of our lives could create more responsive cities in which authorities, service providers and citizens can monitor urban processes and react to events in