

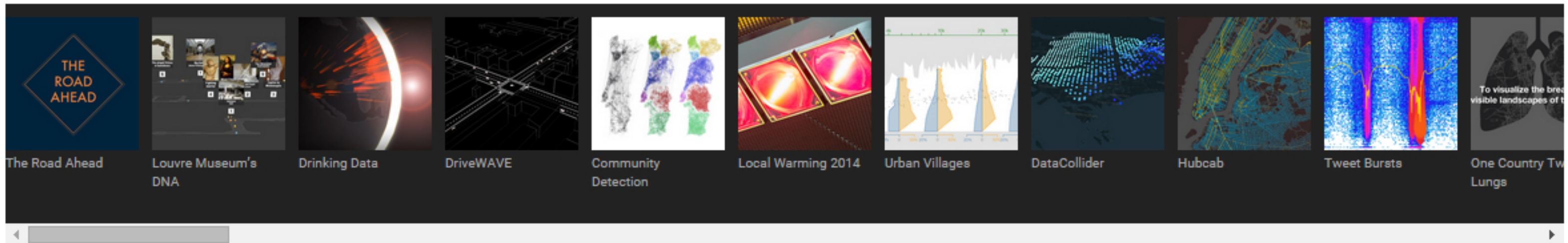


Situated at the intersection of architecture, urban design, engineering, human-computer interaction and the social sciences, the MIT Senseable City Lab addresses the relationship between cities, new technologies and people.

The Digital Revolution is changing the way we live today as radically as the Industrial Revolution almost two centuries ago. The Lab aims to investigate and anticipate these changes and their implications at the city scale. Our work draws on diverse fields to capture the multi-disciplinary nature of urban problems and deliver research and applications that empower citizens to make choices that result in a more liveable urban condition.

We practice a revolutionary approach to research - as opposed to evolutionary. It envisions solutions that may be out of the reach of today's technology, but works towards developing the scientific grounding for their realisation.

The Lab brings together MIT researchers and external organisations: partner cities offer test cases, industry provide technical expertise and funding, and the lab unites public and private sectors with a shared vision of the future.



papers

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Kung, K., Greco, K., Sobolevsky, S., and Ratti, C. (2014). Exploring Universal Patterns in Human Home-Work Commuting from Mobile Phone Data. PLOS One. >> link

Santi, P., Resta, G., Szell, M., Sobolevsky, S., Strogatz, S., and Ratti, C. (2013). Quantifying the Benefits of Vehicle Pooling with Shareability Networks. Proceedings of the National Academy of Sciences, 111(37), 13290-13294. >> link

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complex systems and human mobility

people

Erin Baumgartner (Assistant Director), Assaf Biderman (Associate Director), Rex Britter (Advisory Board), Carlo Ratti (Director, Professor of the Practice), Paolo Santi (Visiting Scientist)

Current Researchers: Ricardo Alvarez, Iva Bojic, Clara Cibrario Assereto, Matthew Claudel, Antoine De Malprade, Newsha Ghaeli, Sebastian Grauwin, Carlos Greaves, Christopher Green, Malgorzata Hanzl, Thomas Holleccek, Muhammad Khairul, David Lee, Tracey Li, Martina Maitan, Emanuele Massaro, Franco Montalvo, Marguerite Nyhan, Andrea Paraboschi, Miriam Roure Parera, Stefan Seer, Oliver Senn, Mohit Shah, Youjin Shin, Stanislav Sobolevsky, Remi Tachet Des Combes, Pierrick Thebault, Yaniv Turgeman, Anthony Vanky

Past Researchers: Katherine Adler, Wahjeeha Ahmad, Anwar Al-Khateeb, Alaa AlRadwan, Alexander Amini, Clio Andris, Afian Anwar, German W. Aparicio Jr., Ian Ardouin-Fumat, Burak Arkan, Dima Ayyash, Eric Baczuk, Seckin Basturk, Juan Nico Bautista Hobin, Aliaksandr Bely, Luis Berrios-Negrón, Daniel Berry, Alice Birolo, Aurimas Bukauskas, Amedeo Buonanno, Francesco Calabrese, Francisco Camara Pereira, Riccardo Campari, Cyndia Cao, Nhat Cao, Luis Carli, Xiaoj Chen, Camaven Chiu, Leigh Christie, Julian Contreras, Andrea Corti, Enrico Costanza, Pedro Cruz, Dominik Dahlem, Filippo del Fiore, Alyx Daly, Matthias Danzmayr, Zolzaya Dashdorj, Lorenzo Davoli, Giovanni de Niederhausern, Salvatore Di Dio, Giusy Di Lorenzo, Talia Dorsey, Sarah Dunbar, Jennifer Dunnham, Luigi Farnaud, Chris Farnatt, Lucie Boyce

contacts

SENSEable City Laboratory
MIT 9-209
77 Massachusetts Avenue
Cambridge, MA 02139 USA
T++ 1-617-324-4474
F++ 1-617-258-8081
W senseable.mit.edu
E senseable-contacts@mit.edu

