

# Synthetic Population Workshop November 2024



Updated: 30/10/2024

When: 8 November 2024, 10h00 - 16h00  
Where: IRT SystemX Moulon, salle Marie CURIE  
[Bâtiment 660 DIGITEO, Rue Noetzlin, 91190 Gif-sur-Yvette](#)  
Access: Massy TGV - Bus 91-60 direction Christ de Saclay to **Moulon**  
Massy / Paris - **RER B** to Le Guichet - bus 9 direction HEC / Christ Saclay to **Moulon**

Connection **Remote Participation on Teams**  
Meeting ID: 333 241 609 958 Passcode: dkD3Cp

In case you connect spontaneously, please also register for the event.

## Agenda

10h00 - 10h15	<b>Introduction</b>
IRT SystemX	- Statistics - Recent bugfixes / changes - Roadmap / documentation / website
10h15 - 11h00	<b>Pipeline contributions</b>
tellae	- Activity locations / raster data - Spatial analysis
IRT SystemX	- Per-department population predictions from INSEE
11h00 - 12h00	<b>Discussion on vehicle fleet integration</b>
IRT SystemX LVMT SPLOTT	- Mandatory integration of vehicles - Vehicle matching by household - Integration of motorbikes
12h00 - 13h00	<b>Light lunch</b>
13h00 - 13h30	<b>Income integration</b>
tellae LVMT	- Integration of bhepop2 - Income-sensitive choice model
13h30 - 14h30	<b>Use cases</b>
CY Cergy IRT SystemX	- eqasim and METROPOLIS - Adaptation for Munich - Full France synthetic population
14h30 - 15h30	<b>Related topics</b>
Mael Bordas SPLOTT	- Lessons learned from Diagnostic Mobilité - Variational Auto-Encoders for population synthesis
15h30 - end	<b>Discussion</b>
All	- Open discussion on next steps, opportunities for collaboration, how to contribute, etc.