



programme ici :

Université Paris Cité  
Lamarck building – Room 322  
35 rue Hélène Brion  
Paris 13  
M° 14 Bibliothèque de France

26–27 June 2025

Colloquium

Organized by  
Corentin Bisot (AMOLF)  
Thibault Chassereau (LIED)  
Éric Herbert (LIED)  
Annemiek Cornelissen (MSC)



LIED

Laboratoire  
Interdisciplinaire  
des Énergies  
de Demain



MSC

Université Paris Cité

# Branching Networks

From Experiment  
to Theory

Thursday 26  
June

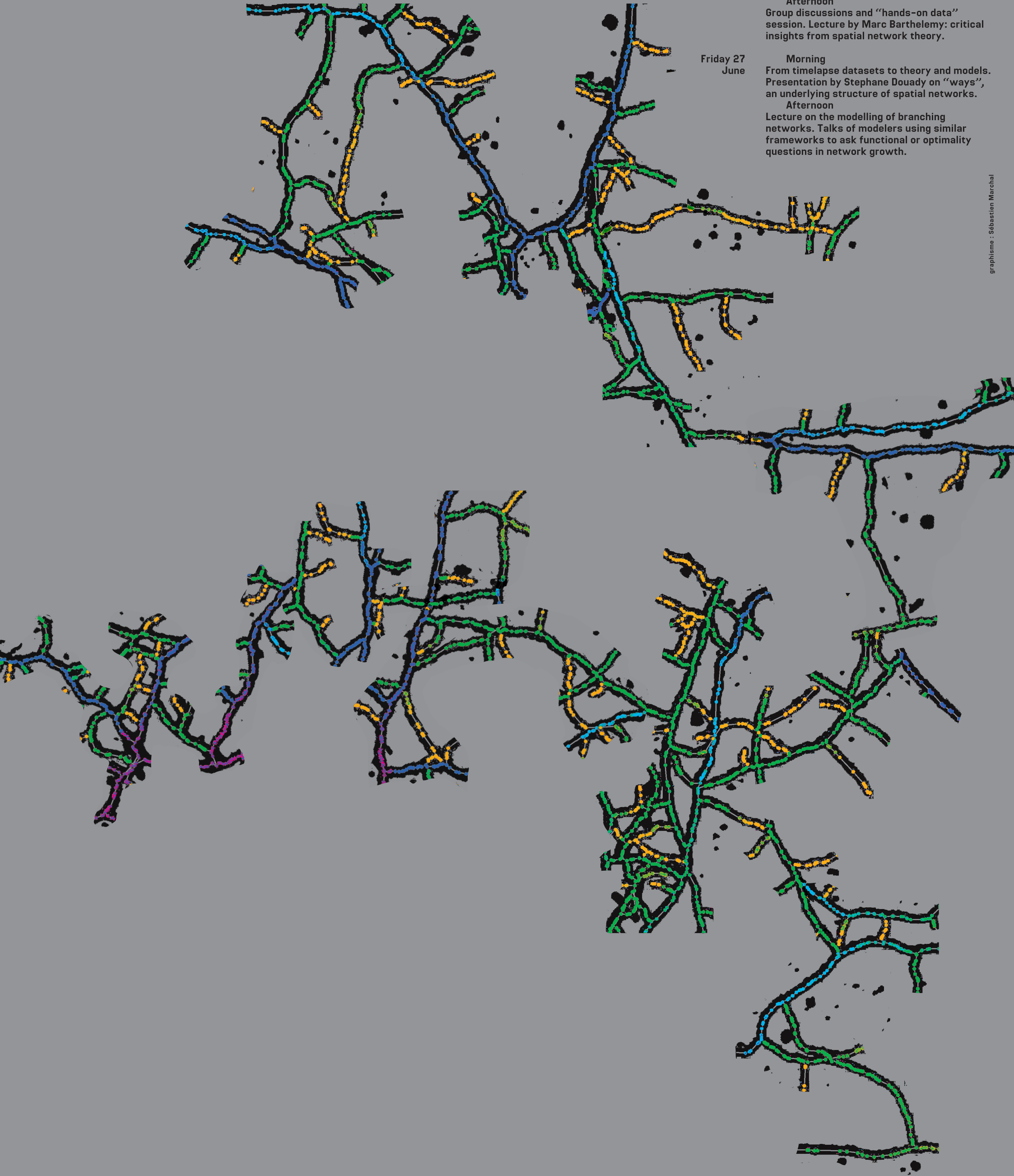
**Morning**  
Experimental systems / watching living and non living systems grow : mosses, fungi, but also networked organs. How is this data acquired? How is it processed?  
Introduction talk by Mark Fricker

**Afternoon**  
Group discussions and “hands-on data” session. Lecture by Marc Barthelemy: critical insights from spatial network theory.

Friday 27  
June

**Morning**  
From timelapse datasets to theory and models. Presentation by Stephane Douady on “ways”, an underlying structure of spatial networks.

**Afternoon**  
Lecture on the modelling of branching networks. Talks of modelers using similar frameworks to ask functional or optimality questions in network growth.



graphisme : Sébastien Marchal