

AR-800

**Summer School on Relational Space/ Relational Urbanism (2019)**

Kaufmann Vincent

<b>Cursus</b>	<b>Sem.</b>	<b>Type</b>
Architecture and Sciences of the City		Obl.

Language of teaching	English
Credits	2
Session	
Exam	Oral presentation
Workload	60h
<b>Hours</b>	<b>41</b>
Courses	9
Exercises	19
TP	13
<b>Number of positions</b>	

**Remark**

Next time: June 11-15, 2018

**Summary**

The evolution of the idea of space from an absolute positional concept to a relative and relational concept offers numerous insights into urban studies that remain largely unexplored. How can the relational meaning of space profoundly change our knowledge of the city and our practice in the city?

**Content**

Lecturers :

- Prof. Jacques Lévy
- Dr. Ekim Tan
- Prof. Alexandre Alahi
- Prof. Boris Beaudé
- Dir. Eduardo Rico

Taking space seriously. The evolution of the idea of space from an absolute positional concept in the Cartesian tradition to a relative and relational concept offers numerous insights into urban studies that remain largely unexplored. In this summer school we propose a comprehensive yet directed take on relational space to question the possible trajectories for the emergence of a relational urbanism. How can the relational meaning of space, first proposed by Leibnitz, profoundly change our knowledge of the city and our practice in the city?

Urban Dialogics. Space, both a social object and a dimension of the social, places at the center of urban interrogations the relationships between different realities, virtual and actual. This multi-dimensional space invites us to take into consideration the richness of possible metrics, both complementary and contradictory, composed as much of material distances as those of the immaterial and ideational.

Scientific Method, Urban Practice. To fully capture urban complexity requires the community of social scientists and urbanists to reinvent our methods and practices. Not least among these efforts is that of translation, which allows us to collectively mobilize the various concepts belonging to each discipline. Passing these disciplinary boundaries allows us to simultaneously understand and act on the city.

Relational urbanism. We propose a critical reading of new forms of urban knowledge, methods and tools. Within this emerging body of urban studies we will accord particular attention to the growing importance of big data and machine learning as well as new hyperlocal participatory practices. Our goal is to identify innovative methods of urban analysis, urban representation, as well as new forms of collective and individual urban action.

An invitation to make sense of the urban. We have gathered a group of renowned international academics and urban practitioners to address the trajectory from relational space to relational urbanism. From philosophical foundations to urban analysis, from parametric to participatory processes we propose a spectrum of viewpoints that define the outlines of an emerging field without pre-supposing its ultimate development. Students in the summer school will be invited to engage with the concepts and position of their choosing, as a support to their individual research interests.

### Note

**Pre registration directly on [rsru2018.epfl.ch](https://rsru2018.epfl.ch) before 30th April 2018.**

### Keywords

Space, transdisciplinary, complexity, urban

### Resources

#### Websites

- <https://rsru2018.epfl.ch/>