

# Short Course on Complex Networks and Point Processes with Applications

**Monday, September 11**

<b>Time</b>	<b>Lecture/Event</b>	<b>Speaker</b>
09:00 - 09:15	Arrival	
09:15 - 09:30	Introduction and overview of the course	Justin Coon
09:30 - 11:00	Traditional vs. non-traditional methods in network analytics (I)	Ernesto Estrada
11:00 - 11:30	Coffee Break	
11:30 - 13:00	Traditional vs. non-traditional methods in network analytics (II)	Ernesto Estrada
13:00 - 14:00	Lunch	
14:00 - 15:30	Connection functions and connectivity	Carl Dettmann
15:30 - 16:00	Coffee Break	
16:00 - 17:30	Entropy of deterministic networks and network ensembles	Justin Coon

**Tuesday, September 12**

<b>Time</b>	<b>Lecture/Event</b>	<b>Speaker</b>
09:00 - 09:15	Arrival	
09:15 - 10:45	On modeling cellular networks by using inhomogeneous Poisson point processes (I)	Marco Di Renzo
10:45 - 11:15	Coffee Break	
11:15 - 12:45	On modeling cellular networks by using inhomogeneous Poisson point processes (II)	Marco Di Renzo
12:45 - 13:45	Lunch	
13:45 - 15:15	Multilayer networks (I)	Ginestra Bianconi
15:15 - 15:45	Coffee Break	
15:45 - 17:15	Multilayer networks (II)	Ginestra Bianconi