

NTDS'19		Schedule		17/09/2019	
Date	Topic	Instructor	Room	Deadline	
17.09	Introduction	Vandergheynst, Defferrard	CE2		
18.09	Graph theory basics	Frossard	CO2		
24.09	Installation & basics		CE2		
25.09	Random networks	Frossard	CO2		
01.10	Scale-free networks	Frossard	CE2	group registration	
02.10	Assignment 1: network properties & models		CO2		
08.10	Assignment 1: network properties & models		CE2		
09.10	Network formation models	Frossard	CO2		
15.10	Assignment 1: network properties & models		CE2	assignment 1	
16.10	Elements of spectral graph theory	Loukas	CO2		
22.10	Unsupervised learning with graphs: spectral clustering	Loukas	CE2		
23.10	Assignment 2: spectral, GSP, GNN		CO2		
29.10	Assignment 2: spectral, GSP, GNN		CE2		
30.10	Unsupervised learning with graphs: dimensionality reduction	Loukas	CO2		
05.11	Regularization on graphs with graph signal processing	Loukas	CE2		
06.11	Assignment 2: spectral, GSP, GNN		CO2		
12.11	Supervised learning on graphs with deep learning: part I	Defferrard	CE2		
13.11	Supervised learning on graphs with deep learning: part II	Defferrard	CO2		
19.11	Assignment 2: spectral, GSP, GNN		CE2	assignment 2	
20.11	Project		CO2		
26.11	Project		CE2		
27.11	Network epidemics	Frossard	CO2		
03.12	Visualization	Miz	CE2		
04.12	Project		CO2	project summary	
10.12	Project		CE2	peer review	
11.12	Project		CO2		
17.12	Project		CE2		
18.12	Project		CO2		
10.01	Handle project report and github repository			report and repository	
21.01	Project presentation				
22.01	Project presentation			slides	