



# Second Machine Learning in High Energy Physics Summer School 2016

## Monday, 20 June 2016

**Lectures: Day 1 lectures - Lundmarkssalen (10:20 - 13:20)**

-Conveners: Aleksei Rogozhnikov

time	[id]	title	presenter
10:20	[6]	Intro: General pipeline, ML at a glance, model evaluation	
11:40		Break	
12:00	[7]	Metric ML algorithms	

# Tuesday, 21 June 2016

## Lectures: Day 2 lectures - Lundmarkssalen (09:30 - 12:30)

-Conveners: Aleksei Rogozhnikov

time	[id] title	presenter
09:30	[10] Decision trees	
10:50	Break	
11:10	[11] Ensembles	

# Wednesday, 22 June 2016

## Lectures: Day 3 lectures - Lundmarkssalen (09:30 - 12:30)

-Conveners: Aleksei Rogozhnikov

time	[id] title	presenter
09:30	[14] Feature engineering, Dimensionality reduction	
10:50	Break	
11:10	[15] Hyperparameters search	

# Thursday, 23 June 2016

## Lectures: Day 4 lectures - Lundmarkssalen (09:30 - 11:10)

-Conveners: Tatiana Likhomanenko

time	[id] title	presenter
09:30	[18] Boosting reweighting and flatness	
10:50	Break	

# Saturday, 25 June 2016

## Lectures: Deep learning - Lundmarkssalen (09:30 - 12:30)

-Conveners: Alexander Panin

time	[id] title	presenter
09:30	[22] Deep learning I	Mr PANIN, Alexander
10:50	Break	
11:10	[23] Deep learning II	Mr PANIN, Alexander