

Session	Theme	Description
1	Supervised Machine Learning applied to Communications in the Space	Machine Classifiers and Regressors Algorithms applied to Spatial Communications
2		Supervised Machine Learning Laboratory
3	Unsupervised Machine Learning applied to Communications in the Space	Unsupervised Machine Learning algorithms: Clustering and New Events Data Detection
4		Unsupervised Machine Learning Laboratory
5	Data Batch Processing	Introduction to Data Batch Processing in Spark
6		Spark Laboratory: Introduction
7		Spark Laboratory: Introduction
8	Data Streaming Processing	Introduction to Data Streaming Processing
9		Data Streaming Processing Laboratory
10		Data Streaming Processing Laboratory
11	Balancing Architectures in Backend	Balancing Architectures in Backend Theory
12		Balancing Architectures in Backend Laboratory
13	Scalable Storage Architectures	Distributed and Scalable Storage Architectures and NoSQL Data Bases
14		Distributed and Scalable Storage Architectures and NoSQL Data Bases Laboratory