

Calendario del corso di dottorato
SYSTEMS HEALTH MANAGEMENT

Data	Orario	Ore	Docente	Argomenti	Aula
25 Febbraio	14.30-16.30	2	Sorli	▪ Background and objectives ▪ Definitions ▪ Functions and requirements ▪ Reference architecture ▪ Enabling technologies	
28 Febbraio	14.30-16.30	2	Sorli	▪ Transducing principles ▪ Sensors placement ▪ Virtual sensors ▪ Smart sensors ▪ Data processing ▪ Use cases of signals analysis for health assessment	
4 Marzo	14.30-16.30	2	Jacazio	▪ Framework ▪ Methodologies for fault diagnosis (1st part)	
7 Marzo	14.30-16.30	2	Jacazio	▪ Methodologies for fault diagnosis (2nd part)	
11 Marzo	14.30-17.30	3	Jacazio	▪ Methodologies for failure prognosis ▪ Performance metrics ▪ Data mining	
14 Marzo	14.30-17.30	3	Jacazio	▪ Application to electro-hydraulic flight control actuators	
18 Marzo	14.30-17.30	3	De Martin	▪ Application to electro-mechanical flight control actuators	
21 Marzo	14.30-16.30	2	Jacazio	▪ Introduction to Integrated Vehicle Health Management ▪ IVHM end-to-end system ▪ Vehicle level reasoning system ▪ Aircraft applications ▪ Autonomic logistic support	
21 Marzo	16.30-17.30	1	Sorli	▪ Conclusive notes	