

JOB TITLE : Scientist in Applied Mathematics	REPORTING TO & LOCATION Head of CRT/VPE Issy-Les-Moulineaux
MISSION <ul style="list-style-type: none"> • Develop Artificial Intelligence in Modeling Context 	
RESPONSIBILITIES Develop predictive model from data coming from sensor and simulation in order to increase capabilities of design, optimisation, multi-disciplinary modeling, ... <i>Missions</i> <ul style="list-style-type: none"> • Mathematical Formalisation • Take in consideration the different levels of fidelity and accuracy • Taking into account to the performance of algorithms (link with HPC) • Demonstration on industrial test cases • Develop statistical modeling • Participate and develop academic networks 	
PROFILE <ul style="list-style-type: none"> • Master Degree, Applied Mathematics, computer science • Experience 3 Years. • A network in academic world would be a must 	SKILLS <ul style="list-style-type: none"> • Good knowledge in Modeling, Simulation and Machine Learning • Knowledge in numerical analysis • Knowledge in optimization • Good knowledge in programming language (C, C++, Fortran, python)

JOB TITLE : Scientist in Uncertainties	REPORTING TO & LOCATION Head of CRT/VPE Issy-Les-Moulineaux
MISSION <ul style="list-style-type: none"> • Develop Artificial intelligence in stochastic context 	
RESPONSIBILITIES Implementation of the techniques of dimension reduction, learning the probability law in high dimension, with efficiency in order to build predictive model in complex system modeling <i>Missions</i> <ul style="list-style-type: none"> • Propose original solutions based on academic state of the art • Implementation of algorithms mainly in OpenTurns (C++) and in other python frameworks • Monitoring of sub-contracting (academic as Lip6, .. and industrial) • Participation on OpenTurns technical board • Demonstrate methodology on real test cases • Diffusion of these technics inside Airbus 	
PROFILE <ul style="list-style-type: none"> • Master Degree, Applied Mathematics, computer science • Experience 3 Years. • A network in academic world would be a must 	SKILLS <ul style="list-style-type: none"> • Good knowledge in Probabilities and Numerical Analysis • Good knowledge in programming language (C, C++, Fortran, python) • Knowledge in High performance computing will be appreciated