



Wednesday, March 21		
9h00-9h30	<b>Welcome of participants</b>	
9h30-9h45	<b>Welcome Speech</b>	
9h45-10h45	Guillaume Obozinski	A unified perspective on convex structured sparsity for vectors
10h45-11h00	<b>Coffee break</b>	
11h00-11h30	Joseph Mure	Gibbs Reference Posterior for Robust Gaussian Process Emulation
11h30-12h00	Sophie Marque-Pucheu	Surrogate modeling of two nested codes with a functional intermediary variable
12h00-12h30	Mélina Ribaud	Robustness criterion for kriging based optimization
12h30-14h00	<b>Lunch</b>	
14h00-14h30	Malek Ben Salem	Split, doubt and design in high dimension with general surrogates
14h30-15h00	Erwan Grelier	Statistical learning in tree-based tensor format
15h00-15h30	<b>Poster Blitz 1</b>	
	Lucie Bernard	Estimating a Probability of Failure with Adaptive Multilevel Splitting
	Soumaya Azzi	Stochastic metamodeling applied to dosimetry
	Baptiste Broto	Efficient estimation of the Shapley sensitivity indices for the linear Gaussian model with independent groups of variables
	Mathieu Carmassi	Bayesian calibration for computational codes
	Vincent Chabridon	Reliability-based sensitivity analysis under distribution parameter uncertainty - Application to aerospace systems
	Anouar Meynaoui	Statistical methodology for second level sensitivity analysis for numerical simulators
	Mohamed Reda El Amri	Stochastic Inversion Under Functional Uncertainties
	Kévin Elie-dit-Cosaque	Shapley effects for sensitivity analysis with dependent inputs
	Edouard Fournier	Influence of Dimension Reduction on regression trees-based Algorithms - Predicting Aeronautics Loads of a Derivative Aircraft
	David Gaudrie	Targeting Well-Balanced Solutions in Bayesian Multi-Objective Optimization under a Restricted Budget
	G.-K. Delipei	Shapley indices estimation in multi-physics nuclear transient modeling
15h30-16h00	<b>Coffee break</b>	
16h00-16h30	Nazih Benoumechiara	Quantile Estimation in Structural Reliability with Incomplete Dependence Structure
16h30-17h00	Antoine Usseglio-Carleve	Quantile prediction of a random field extending the gaussian setting
17h00-17h30	<b>Poster Blitz 2</b>	
	Alexandre Goupy	Polynomial chaos expansion for acoustic propagation
	David Lebel	Bayesian calibration using Gaussian surrogate model of the likelihood function: application to train suspensions monitoring
	Andres Felipe Lopez-Lopera	Gaussian process regression models under linear inequality conditions
	Mickael Rivier	Low-cost optimization under uncertainty through box representation of robustness measures
	François Sanson	Uncertainty quantification in large systems of solvers: application to reentering man-made space object trajectory prediction
	Aldo Serafino	Assessment of Uncertainty Quantification Methods with Application to the Design of Organic Rankine Cycles
	Adrien Spagnol	Global sensitivity analysis for optimization with variable selection
	Uladzislau Stazhynski	Uncertainty Quantification for Stochastic Approximation Limits Using Chaos Expansion
	Léonard Torossian	A review on quantile regression for stochastic computer experiments
	Audric Vigier	Calibrating a complex model to support fish management - an iterative pragmatic multicriteria approach
	Xujia Zhu	Surrogating the response PDF of stochastic simulators using semi-parametric representations
	Thomas Galtier	The interacting particle system estimation method with piecewise deterministic Markovian processes
17h30-18h30	<b>Poster session</b>	
18h30-19h30	<b>Cocktail</b>	

<b>Thursday, March 22</b>		
9h00-10h30	Julien Mairal	Course: Foundations of Deep Learning from a Kernel Point of View
10h30-11h00	<b>Coffee break</b>	
11h00-11h45	Gabriel Peyré	Computational Optimal Transport for Imaging and Learning
11h45-12h30	Nelly Pustelnik	Combining multiresolution analysis and non-smooth optimization for texture segmentation
12h30-14h00	<b>Lunch</b>	
14h00-14h45	Claire Boyer	On the gap between local recovery guarantees in structured compressed sensing and oracle estimates
14h45-15h30	Karim Lounici	Principal Component Analysis: a Berry-Esseen Bound for the Spectral Projectors of the Covariance Operator
15h30-16h15	Julie Josse	Distributed Multi-Level Matrix Completion for Medical Databases
16h15-16h45	<b>Coffee break</b>	
16h45-17h30	Anne Ruiz-Gazen	Using Invariant Coordinate Selection for outlier detection in high dimension
17h30-18h15	Guillaume Perrin	Kernel representations for the approximation of the distribution of high-dimensional random vectors
20h00	<b>Conference dinner</b>	

<b>Friday, March 23</b>		
9h00-10h30	Julien Mairal	Course: Optimization methods for large-scale machine learning and sparse estimation
10h30-11h00	<b>Coffee break</b>	
11h00-11h45	G�rard Biau	Optimization by Gradient Boosting (joint work with B. Cadre)
11h45-12h30	Victor Picheny	Combining game theory and Bayesian optimization to solve many-objective problems
12h30-14h00	<b>Lunch</b>	
14h00-14h15	Rodolphe Le Riche	The OQUAIDO research chair in a nutshell
14h15-15h00	Albert Cohen	Optimal sampling in weighted least-squares methods. Application to high-dimensional approximation
15h00-15h45	Yohann De Castro	Un programme SDP pour r�soudre le probl�me des plans d'exp�riences optimaux
15h45-16h15	Herv� Monod	GDR Mascot-Num
16h15-16h30	<b>Closing remarks</b>	