

Parallel Session 1 : Multivariate models in reliability / Wednesday 11th June, 11h15 – 12h15 / Amphi G		
11h15 – 11h35	Barros Anne	Multivariate Degradation Model with dependence due to Shocks
11h35 – 11h55	Billon Aurelie, Bordes Laurent, Darfeuill Pierre, Humbert Sophie, Paroissin Christian	Component degradation modeling based on feedback data of helicopter turboshaft engine
11h55 – 12h15	Caballé Nuria C., Castro Inmaculada T., Pérez Carlos J.	A model for a system subject to multiple degradation processes and external shocks: The case of dependent causes of failure
Parallel Session 2 : Reliability analysis / Wednesday 11th June, 11h15 – 12h15 / Amphi H		
11h15 – 11h35	Kostolny Jozef, Kvassay Miroslav, Zaitseva Elena	Comparison of algorithms for calculation of Direct Partial Logic Derivatives using Decision Diagrams
11h35 – 11h55	Antonov Aleksandr, Chepurko Valeriy	On one model of non-homogeneous flows of events
11h55 – 12h15	Dereffye Jérôme	The numerical simulation of the dynamical reliability as a complementary tool of accelerated life test.
Parallel Session 3 : Accelerated life test / Wednesday 11th June, 14h30 – 15h30 / Amphi G		
14h30 – 14h50	Joel A. Nachlas	Accelerated Testing analysis for bivariate reliability models
14h50 – 15h10	Linkov Alexander, Antonov Alexander	Accelerated Life Testing analysis with type-I censored
Parallel Session 4 : Imperfect repair models /Wednesday 11th June, 14h30 – 15h30 / Amphi H		
14h30 – 14h50	Toledo Maria Luiza, Freitas Marta, Colosimo Enrico, Gilardonni Gustavo	ARA and ARI Classes of Imperfect Repair Models for Reliability Prediction of Repairable Systems
14h50 – 15h10	Nguyen Dinh Tuan, Dijoux Yann, Fouladirad Mitra	Virtual age distribution and Statistical inference of an imperfect repair model
Parallel Session 5 : Accelerated degradation models / Wednesday 11th June, 16h00 – 17h00 / Amphi G		
16h00 – 16h20	Ghamlouch Houda, Fouladirad Mitra, Grall Antoine	Volatility State Division and Jump-Diffusion Process for prognosis: Case of Equity Price Modeling
16h20 – 16h40	Peng Chien-Yu	Inverse Gaussian processes with random effects and explanatory variables for degradation data
16h40 – 17h00	M. Abadie, M. Chevalier, F. Corset, L. Doyen, R. Drouilhet, O. Gaudoin	Accelerated degradation tests with successive measures
Parallel Session 6 : Parametric models / Wednesday 11th June, 16h00 – 17h00 / Amphi H		
16h00 – 16h20	Martynov Gennadi	Gaussianity test for random processes
16h20 – 16h40	Ezlegini Leila, Azhdari Parvin	Quantile Estimation In Lognormal and weibull regression models Using Bayesian And Maximum Likelihood Approaches
16h40 – 17h00	Haghighi Firoozeh, Castagliola Philippe	Conditional Shewhart-type control charts for monitoring the Weibull shape parameter
Parallel Session 7 : Goodness-of-fit / Thursday 12th June, 09h45 – 10h45 / Amphi G		
09h45 – 10h05	Dupuy Jean-François, Ben Elouefi Rim	Goodness of fit test for the stratified proportional hazards model
10h05 – 10h25	Xuan Quang Tran, Nikulin Mikhail, Tahir Ramzan	Powerful evaluation of some modified goodness-of-fit tests for the Hypertabastic distribution
10h25 – 10h45	Beitollahi Arman	Goodness of fit tests in different case for different type of censoring
Parallel Session 8 : Degradation models / Thursday 12th June, 09h45 – 10h45 / Amphi H		
09h45 – 10h05	Papamichail Chrysanthi	Crack growth analysis by a Markov process perturbation model: Application to reliability
10h05 – 10h25	Hove Herbert	Stochastic process model for competing risks in accelerated reliability testing
10h25 – 10h45	Waltraud Kahle	Sequential techniques for parameter estimation and optimal maintenance in degradation processes
Parallel Session 9 : / Friday 13th June, 09h45 – 10h45 / Amphi G		
09h45 – 10h05	Shamilov Aladdin, Ozdemir Sevda, Yilmaz Nihal	Generalization entropy optimization methods for survival data
10h05 – 10h25	Kateri Maria	Step-Stress Models Under Interval Censoring
10h25 – 10h45	Abushal Tahani, Soliman Ahmed	Bayes Estimation of the Pareto parameters under progressive censoring data for constant-partially accelerated life tests using MCMC
Parallel Session 10 : / Friday 13th June, 09h45 – 10h45 / Amphi H		
09h45 – 10h05	Demgne Jeanne, Mercier Sophie, Lair William, Lonchampt Jérôme, Baudin Michaël	Quasi Monte Carlo methods for the numerical assessment of investments plans
10h05 – 10h25	Dereffye Jérôme	The calculation of the time τ dependent failure probability of a component with damage modeling in RELSYS software
10h25 – 10h45	Dehmous Hocine, Karama Moussa, Welemane Hélène	Contribution of a micromechanics-based approach for reliability assessment