

Le projet ANR « AMMSI » organise le :

## 2<sup>nd</sup> Workshop Ageing and Maintenance in reliability: Modelling and Statistical Inference.

INSA-Toulouse, the 20th of January 2014

### Program

ANR AMMSI

- 9:00. Welcome
- 9:15-10:15. Edsel Pena (Univ. of South Carolina): *Some Recent Developments in Recurrent Event Modeling and Competing Risk.*
- 10:15-10:45. Mathieu Anderhalt (EDF): *Modeling bolt failure distributions with logistic regression.*
- Coffee break
- 11:15-11:45. Jean-Yves Dauxois (Inst. Math. Toulouse): *Semiparametric Inference of lifetime data with competing risks and missing causes.*
- 11:45-12:15. Sophie Mercier (Univ. Pau): *A bivariate random shock model for a two-component system with dependence.*
- Lunch
- 14:00-15:00. Waltraud Kahle (Univ. Magdeburg): *The influence of maintenance on degradation processes and the resulting lifetime distribution.*
- 15:00-15:30. Antoine Grall (Univ. Tech. Troyes): *Some propositions about the use of Ornstein-Uhlenbeck process for degradation modeling and RUL estimation.*
- Coffee break
- 16:00-16:30. Laurent Bordes (Univ. Pau): *Extended geometric processes and its applications to reliability.*
- 16:30-17:00. Olivier Gaudoin (Univ. Grenoble): *An optimal maintenance policy for a multi-state deteriorating system.*

**Inscription:** Free but mandatory registration at: [workshop.AMMSI-Toulouse@insa-toulouse.fr](mailto:workshop.AMMSI-Toulouse@insa-toulouse.fr)

**Deadline for lunch registration:** 12th of January 2014

**Address:** INSA Toulouse, Département GMM, 135 avenue de Rangueil, 31077 Toulouse Cedex 04

More informations on <http://www-ljk.imag.fr/AMMSI/Manifestations/Toulouse2014/index.html>



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