



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
University of Saida Dr. Moulay Tahar  
Faculty of Mathematics, Computer Science and Telecommunications  
Laboratory of stochastic Models, Statistics and Applications  
LSMSA



**The laboratory LSMSA is organizing a series of conferences on**

**Statistics and Artificial Intelligence (SAI'26), from 2nd to 4th of February, 2026.**

**Invited Speakers :**

- 1. Prof. Nicolas PRIVAULT :** Division of Mathematical Sciences, School of Physical and Mathematical Sciences. Nanyang Technological University , Singapore.
- 2. Prof. Salim BOUZEBDA :** University of Technology of Compiègne. France.

## **The Program**

Day/ Schedule	10 to 11 am	11 to 12 am
Monday, February 2nd	AI : past, present and future  <b>Dr. M.E.RAHMANI</b>	A Distribution-Free Nonparametric Test of Independence for Continuous Random Vectors Based on the $L_1$ -Norm.  <b>Prof. S.BOUZEBDA</b>
Tuesday, February 3rd	Diffusion models  <b>Pr. N.Privault</b>	Two Step Conditional Generative Adversarial Network for Surgical Scene Segmentation in Robotic Gastrectomy.  <b>Mme Dr H.Menad</b>
Wednesday , February 4th	La statistique des Equations Différentielles Stochastiques : Résultats et problématique.  <b>Prof. F.MADANI</b>	Nonparametric Estimation Using Special Polynomials.  <b>Dr. K.DJERFI</b>

**The laboratory director :  
Prof. A.KANDOUCI**