

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 :

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

The Program

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

The laboratory director :
Prof. A.KANDOUCI