

## Topics

- Information geometry
- Topology for learning and data
- Computational algebraic geometry
- Optimization and statistical applications

## Thematic weeks

<b>Aug 27</b>	<b>Aug 29</b>	Geometric Science of Information (GSI 19)
<b>Aug 30</b>	<b>Sep 6</b>	Geometric Statistics
<b>Sep 30</b>	<b>Oct 4</b>	Topology for Learning and Data Analysis
<b>Oct 14</b>	<b>Oct 19</b>	Information geometry
<b>Nov 6</b>	<b>Nov 8</b>	Computational Aspects of Geometry

### Local Organisers:

F. Costantino, F. Gamboa, D. Henrion, T. Klein, A. Le Brigant, F. Nicol, E. Pauwels

### Scientific Committee:

M. Arnaudon, F. Barbaresco, J. Bigot, A. Garivier, J-B. Lasserre, X. Penneec, S. Puechmorel

### WebPage:

<https://perso.math.univ-toulouse.fr/statistics-geometry-and-topology/>

## Mini courses

- M. BOYOM
  - F. CHAZAL
  - A. CUEVAS
  - R. ELDAN
  - S. HOLMES
  - P. MASSART
  - B. MICHEL
  - E. MILLER\*
  - G. PISTONE
  - X. PENNEC
  - D. STEURER
  - A. TROUVÉ
  - C. ULHER
- \* to be confirmed