



Foundations of Geometric Structures of Information  
4-6 Feb 2019 Montpellier (France)

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## Speakers

**Anton ALEKSEEV (Geneva Univ.) - The Cartan model of equivariant cohomology and the Kirillov-Kostant-Souriau Poisson structure**

**Dmitri ALEKSEEVSKY (Moscow IITP) - The Vinberg theory of homogeneous convex cones, 66 years later**

**John BAEZ (Riverside UC) - From Classical to Quantum and Back**

**Michel BRION (Grenoble Univ.) - Automorphism groups of complex projective varieties**

**Misha GROMOV (Paris IHES) - Probability and Dimension**

**Patrick IGLESIAS-ZEMMOUR (Aix-Marseille Univ.) - Symplectic Diffeology**

**Yann OLLIVIER (Paris Facebook) - Are natural gradient and the extended Kalman filter the same thing?**

**Vasily PESTUN (Paris IHES) - Localization in geometry and physics**

**Aissa WADE (Penn State Univ.) - Sur le problème d'intégration des variétés de Jacobi holomorphes.**

## PROGRAM

**Panel sessions :**

**SYMPLECTIC GEOMETRY AND LOCALIZATION TECHNIQUES IN MATHEMATICAL PHYSICS, led by Damien CALAQUE**

**TRIBUTE TO J-L KOSZUL AND J-M SOURIAU, led by Frederic BARBARESCO and Michel N'GUIFFO-BOYOM**

Online user: 1

CCSD

