

**Who is afraid of infinite
dimensions?**

**Rapport sur les
contributions**

ID de Contribution: 1

Type: **Non spécifié**

Nonlinear Grassmannians as coadjoint orbits of diffeomorphism groups

lundi 27 octobre 2025 10:00 (1h 45m)

Orateur: VIZMAN, Cornelia

ID de Contribution: 2

Type: **Non spécifié**

Nonlinear Grassmannians as coadjoint orbits of diffeomorphism groups

mardi 28 octobre 2025 10:00 (1h 45m)

Orateur: VIZMAN, Cornelia

ID de Contribution: 3

Type: **Non spécifié**

Nonlinear Grassmannians as coadjoint orbits of diffeomorphism groups

mercredi 29 octobre 2025 10:00 (1h 45m)

Orateur: VIZMAN, Cornelia

ID de Contribution: 4

Type: **Non spécifié**

Nonlinear Grassmannians as coadjoint orbits of diffeomorphism groups

jeudi 30 octobre 2025 10:00 (1h 45m)

Orateur: VIZMAN, Cornelia

ID de Contribution: 5

Type: **Non spécifié**

Locally convex spaces in Differential geometry

lundi 27 octobre 2025 14:00 (1h 45m)

Orateur: HEINS, Michael

ID de Contribution: 6

Type: **Non spécifié**

Locally convex spaces in Differential geometry

mardi 28 octobre 2025 14:00 (1h 45m)

Orateur: HEINS, Michael

ID de Contribution: 7

Type: **Non spécifié**

Locally convex spaces in Differential geometry

mercredi 29 octobre 2025 14:00 (1h 45m)

Orateur: HEINS, Michael

ID de Contribution: 8

Type: **Non spécifié**

Locally convex spaces in Differential geometry

jeudi 30 octobre 2025 14:00 (1h 45m)

Orateur: HEINS, Michael

ID de Contribution: 9

Type: **Non spécifié**

Locally convex spaces in Differential geometry

vendredi 31 octobre 2025 10:00 (1h 45m)

Orateur: HEINS, Michael

ID de Contribution: **10**

Type: **Non spécifié**

The Grassmanian of Poisson Transversals

vendredi 31 octobre 2025 14:00 (1 heure)

The role of Poisson transversals in Poisson geometry is analogous to the one played by symplectic submanifolds in symplectic geometry, and by transverse submanifolds in foliation theory. They are defined as submanifolds that intersect the symplectic leaves transversally and symplectically.

I will talk about the geometry of the infinite dimensional manifold of compact Poisson transversals. In particular, for unimodular Poisson structures, this space carries a symplectic structure. This construction generalizes and was much inspired by the construction of the symplectic Grassmannian introduced by Stefan Haller and Cornelia Vizman.

This is joint work with Pedro Frejlich.

(Séminaire Physmath)

Orateur: MARCUT, Ioan

ID de Contribution: **11**

Type: **Non spécifié**

Gong show (5 minute blackboard talks)

mardi 28 octobre 2025 16:30 (1 heure)