



PROGRAMME, PAST

T2-2023 Higher structures in geometry and mathematical physics

Start date : 17 April 2023 - End date : 14 July 2023

April 17th to July 14th, 2023

Organizers:
 Nati Behrend *University of British Columbia*
 Barbara Frenck *École internationale Supérieure de Saint-Amand*
 Camille Laurent-Gengoux *Université de Lyon*
 Mathieu Stiennon *Chimiephysique, Ecole Polytechnique*
 Ping Xu *Chimiephysique, Ecole Polytechnique*



thp
 Institut
 Henri Poincaré
 Université de Paris
 CNRS

Higher structures in geometry and mathematical physics

Thematic programme with short courses, seminars and workshops

**CIRM introductory school –
Higher Structures in Geometry
and Mathematical Physics**
 April 17th to April 21st, 2023 (Marseille)

**Homotopy algebras and
higher structures**
 May 22nd to 26th, 2023

**Higher structures in
Enumerative Geometry**
 June 12th to 16th, 2023

**Dg-manifolds in Geometry
and Physics**
 July 30th to 31st, 2023



Program co-ordinators: the co-ordinators of the 2022/23 event are the research group co-ordinators
 Henri Poincaré Institute in Geometry and Mathematical Physics (HPIG)
 Registered in the Paris University directory

Website: <https://www.hpi.fr/programmes>
 Newsletter: <https://www.hpi.fr/programmes>
 Contact: thp@hpi.fr

CIRM (International Centre for Mathematical Research) is a member of the Institut de France
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URL of the page: <https://www.ihp.fr/en/news-research-activities/t2-2023-higher-structures-geometry-and-mathematical-physics>

Organisers:

K. Behrend, B. Fantechi, C. Laurent-Gengoux, M. Stiénon, P. Xu

Administrative, financial and logistic organisation:

Florence Da Silva

Contact: hirsutes2023@ihp.fr

Scientific programme:

Detailed programme: <https://indico.math.cnrs.fr/category/569/>

CIRM Introductory School (Marseille):

- From April 17th to 21st, 2023

Workshops:

- From May 22nd to 26th, 2023: Homotopy algebras and higher structures
- From June 12th to 16th, 2023: Higher structures in enumerative geometry
- From July 3rd to 7th, 2023: Dg-manifolds in geometry and physics

carmin.tv

Videos of the trimester are now available on Carmin.tv



CIMPA-CARMIN programme:

Through the CIMPA-CARMIN programme the organisers wish to fund, with the support of the Labex CARMIN, the CIMPA and IHP, the participation of several young mathematicians from developing countries to the activities of the trimester.

Young scientists (master students soon looking for a PhD, PhD students, postdocs) meeting those criteria and interested in the topics are much encouraged to apply for a support to participate on [the CIMPA web page](#).



INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.