

Opening Conference of the program on

Higher Structures in Geometry and Physics

January 18 - January 22, 2016

Max Planck Institute for Mathematics
Bonn

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Background and Goals

One of the classical prerogatives of mathematics is to understand, distinguish and classify its objects. This is favorably achieved by considering naturally appearing additional structures. In recent times, great progress has been made on this front. These leaps in understanding have been so successful, that there is a growing need to understand the different structures themselves and their interplay using higher or meta-structures. Examples from this can be found in algebra, geometry and physics, such as higher homotopies and coherences, the objects governing these, the use of higher categories in quantum field theory and derived algebraic and differential geometry.

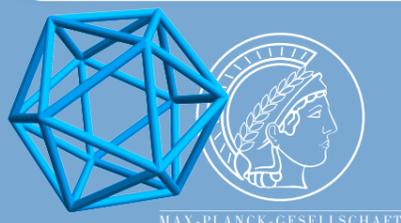
Please register for the conference here <https://www.mpim-bonn.mpg.de/node/6357>

Advisory Board

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