



CRM

INTENSIVE RESEARCH PROGRAMMES



The Intensive Research Programme on the Mathematics of Memory (MATHMEM) will take place at the CRM from January 16 to March 10, 2017.

The goal of this intensive research programme is to push the boundaries of theoretical work on memory formation, consolidation and recall in humans and non-human animals. We aim to do this by 1. Bringing together top theoretical researchers working on models of memory, 2. Providing an in-depth introduction to memory science and a review of previous theoretical work in an open, relaxed school-like forum which will be open to student and young researchers and, 3. Exploring current challenges in memory science where theory and experiment meet. This last point will involve lectures by top researchers on their own cutting-edge work, as well as discussion sessions emphasizing brain storming and planting the seeds for future collaboration.

We will invite both theoretical and experimental researchers.

Scientific organizers:
 Nicolas Brunel (University of Chicago)
 Sandro Romani (Janelia Research Campus)
 Alex Roxin, coordinator (Centre de Recerca Matemàtica)

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SIMONS FOUNDATION



IRP on the Mathematics of Memory (MATHMEM)

AGENDA:

- ✓ Memory School, January 16 to 20, 2017
 (This is a week-long intensive school on the biology and mathematics of memory)
- ✓ Symposia, from March 6 to 10, 2017
 (Each day we will focus on one specific topic: 5-6 presentations from top researchers will be interspersed with extended discussion)
- ✓ Master lectures, from January 20 to March 6, 2017
 (The seminars will be open to all)

Further information on the Research Programme and activities in
http://www.crm.cat/en/Activities/Curs_2016-2017/Pages/IRP-MATHMEM.aspx



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