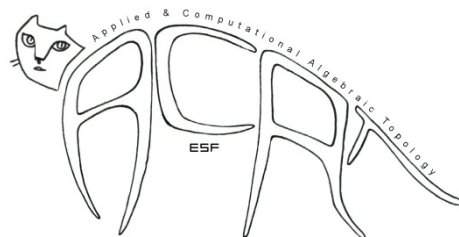


## ESF-PESC Networking Programme

### Applied and Computational Algebraic Topology

Newsletter 5<sup>1</sup>

March 2013



#### ACAT Mid-term-report due

As all networking programmes under the European Science Foundation (ESF), ACAT has to undergo a mid-term evaluation. In case of a negative result, the ESF has the possibility to terminate the network prematurely!

The chair has been asked to write a mid-term report (deadline April 15) outlining, first of all, the activities of the network in the past and, moreover, plans for the remaining period. This report will be the basis for a presentation at a meeting of the ESF-PESC Scientific Review Group in Bruxelles on May 21-22. The written and the oral report will be the background for the decisions of the review group.

In this connection, **your help is solicited:**

First of all, we need an overview over all publications that are connected to ACAT and that have – in some way or another – profited from the existence of the network. Even more important are publications in which the support by ACAT has been acknowledged; please mark those explicitly! Also papers that have been submitted and that are still under review are valuable assets.

Secondly, if you have plans for short visits (up to two weeks) or exchange visits (between two weeks and four months) this year, please apply as soon as possible! So far, there have been far fewer applications than anticipated, and this will be perceived as a weakness of the programme.

Moreover, please inform us about plans for conferences with ACAT topics for which support from the network would be important. This concerns plans for conferences or workshops from now on until the end of the programme in mid-2015.

Please send all relevant information no later than April 3 to the chair [raussen@math.aau.dk](mailto:raussen@math.aau.dk) and to the secretary [grubbe@math.aau.dk](mailto:grubbe@math.aau.dk).

#### Visit and exchange grants:

Please apply at <http://www.esf.org/activities/research-networking-programmes/physical-and-engineering-sciences-pesc/current-research-networking-programmes/applied-and-computational-algebraic-topology-acat/grants.html> .

#### Plans for future conferences:

Please inform us about plans for conferences/workshops to take place in 2013 or in the first half of 2014 and apply for ACAT funding no later than June 15, 2013. For applications, please use the form available on <http://www.esf.org/activities/research-networking-programmes/physical-and-engineering-sciences-pesc/current-research-networking-programmes/applied-and-computational-algebraic-topology->

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<sup>1</sup>Previous Newsletters can be found at <http://acat.lix.polytechnique.fr/>

[acat/science-meetings.html](http://acat/science-meetings.html)

Funding will be discussed and decided during the next meeting of the ACAT steering committee in July.

Steering Committee meeting:

The next ACAT steering committee meeting will be scheduled to take place during the conference “Applied and Computational Algebraic Topology” in Bremen (Germany), July 15-19. The precise date will be fixed later.

ACAT web site:

Please contribute with ideas and suggestions to the ACAT web site <http://acat.lix.polytechnique.fr/> !

Calendar of Events:

- March 20 – 22, 2013: 17th IAPR International Conference on Discrete Geometry for Computer Imagery. Sevilla, Spain: <http://dgci2013.us.es/>
- July 1 – 5, 2013: Summer school on computational topology and topological data analysis. Ljubljana, Slovenia.
- July 15 – 19, 2013: Applied and Computational Algebraic Topology. Bremen, Germany: <http://www.alt.uni-bremen.de/ACAT13/>
- July 22 – 27, 2013: Applied Topology Bedlewo 2013. Bedlewo, Poland: <http://bcc.impan.pl/13AppTop/>
- August 1 – 4, 2013: SIAM Conference on Applied Algebraic Geometry: Fort Collins, Colorado, USA: <http://www.siam.org/meetings/ag13/>
- August 26 – 30, 2013: Mathematical Methods in Theoretical Distributed Computing. Bremen, Germany: <http://www.alt.uni-bremen.de/MMDC13/>
- August 28 – 30, 2014: Geometric Science of Information, MINES Paris Tech: <http://www.gsi2013.org/>
- September 1, 2013 – June 30, 2014: IMA Thematic year on scientific and engineering applications of algebraic topology. Twin Cities MN, USA: <http://www.ima.umn.edu/2013-2014/>
- January 6 – February 7, 2014: Structures mathématiques du calcul. Lyon, France: <http://milyon.universite-lyon.fr/>
- February 10 – 14, 2014: Topological Data Analysis, Program on Low-dimensional Structures in High-dimensional Systems (LDHD). Statistical and Applied Mathematical Sciences Institute (SAMSI), North Carolina, USA: <http://www.samsi.info/workshop/2013-14-ldhd-topological-data-analysis-february-10-14-2014>
- January 20 – May 23, 2014: Algebraic Topology. MSRI, Berkeley CA, USA: <http://www.msri.org/web/msri/scientific/programs/show/-/event/Pm8964>
- April 22 – July 11, 2014: Semantics of proofs and certified mathematics. IHP Paris, France: <http://ihp2014.pps.univ-paris-diderot.fr/>