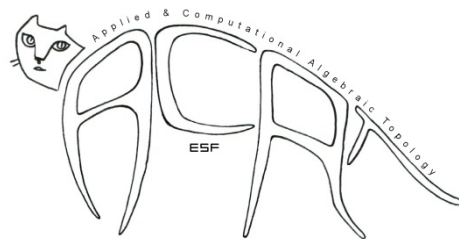


ESF-PESC Networking Programme

Applied and Computational Algebraic Topology

Newsletter 3

March 2012



Web site: Thanks to our French partners at CEA, ACAT has now a dedicated web page <http://acat.lix.polytechnique.fr/index.php> hosted at Ecole Polytechnique – in wiki style. It is still very much “under construction”. Suggestions and contributions are very welcome.

Brochure: A brochure presenting the network has been finalized and printed at the ESF-office in Strasbourg. You can access it at <http://acat.lix.polytechnique.fr/acat/uploads/Main/brochure.pdf>. Copies can be ordered at the ESF-office for distribution at ACAT related conferences and workshops.

ACAT school and CTIC: These two events were planned to take place in Northern Italy in February. Due to exceptional weather conditions (loads of snow!), the events had to be postponed and will now take place in May: <http://acat2012.dm.unibo.it/index> and <http://ctic2012.dm.unibo.it/>.

6 ECM: Herbert Edelsbrunner will give one of the plenary talks at the 6th European Congress of Mathematics <http://www.6ecm.pl/en> in Krakow, July 2-7. Several of the ACAT research themes will be presented during a mini-symposium, that has been approved by the Scientific Committee. See <http://www.6ecm.pl/en/programme>.

Steering Committee: The annual meeting of the ACAT steering committee will be associated with the workshop Applied and computational topology: ATMCS 5 <http://www.icms.org.uk/workshop.php?id=205> in Edinburgh, Scotland. It will most likely be scheduled either on July 5 or on July 6 after the last conference talk.

Applications for workshops and conferences: To be able to make decisions on a basis that is fair to all applicants, we will introduce deadlines for applications for the support of workshops and conferences from the network. More specifically:

- Applications for support of events taking place after October 1, 2012, should arrive no later than June 30, 2012. These applications will be dealt with at the steering committee meeting in Edinburgh.
- Applications for support of events taking place after April 1, 2013, should arrive no later than December 31, 2012.

Please use the ESF-form on <http://www.esf.org/activities/research-networking-programmes/physical-and-engineering-sciences-pesc/current-research-networking-programmes/applied-and-computational-algebraic-topology-acat/science-meetings.html> for applications.

Visit grants: So far, three short visit grants (worth 3.4 k€ altogether) have been approved, these visits have successfully taken place. Furthermore, one exchange grant (worth around 2k€) has been granted for a month long collaboration between researchers from Poland and Portugal in the summer of 2012. The budget for these activities in 2011 and 2012 amounts to 40k€ together, so there is a lot of money left to spend for this purpose.

Please apply for the support of research visits; you have to use the ESF form 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> .

Calendar of Events:

- March 18-23, 2012: Workshop on Applications of Combinatorial Topology to Computer Science, Schloss Dagstuhl, Germany: <http://www.dagstuhl.de/en/program/calendar/semhp/?semnr=12121>
- May 25-26, 2012: Applied and Computational Algebraic Topology Advanced School, Bologna, Italy: <http://acat2012.dm.unibo.it/index>
- May 28-30, 2012: 4th International Workshop on Computational Topology in Image Context (CTIC): Bertinoro, Italy: <http://ctic2012.dm.unibo.it>
- June 24-30, 2012: Conference on Dynamics, Topology and Computations, Bedlewo, Poland: <http://www.ii.uj.edu.pl/DyToComp2012/>
- July 2-7, 2012: 6th European Congress of Mathematics, Krakow, Poland: <http://www.6ecm.pl/>
- July 2-7, 2012: Conference ATMCS V, Edinburgh, Scotland, UK: <http://www.icms.org.uk/workshop.php?id=205>
- July 23-27, 2012: Algebraic Topology: Applications and New Directions, Stanford CA, USA: <http://people.maths.ox.ac.uk/tillmann/StanfordSymposium.html>
- October 14-19, 2012: Workshop on Topological Data Analysis and Machine Learning, Banff, Canada: <http://www.birs.ca/events/2012/5-day-workshops/12w5081>
- 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 20, 2014 – May 23, 2014: Algebraic Topology, MSRI, Berkeley CA, USA: <http://www.msri.org/web/msri/scientific/programs/show/-/event/Pm8964>