

GETCO'10 Business Meeting, 2010-01-12: Minutes

Uli Fahrenberg

- * Raussen talks about ESF and their ESF application: ACAT
- ** main proponents: Farber, Edelsbrunner, Raussen
- ** complicated application procedure; answer not before 2010-10

- * Ghrist tells about current and future US projects
- ** TDA: topological data analysis
- *** main proponent: Carlsson
- *** \ge \$5M grant; DARPA financed

- ** STOMP: Sensors, topology, minimized planning
- *** 4 years, \ge \$8M grant
- *** US-Australia

- ** Mischaikow (Rutgers): NIH funded (!; NIH has LOTS of money)
- ** SANDIA
- ** IMA most probably will have AAT program in 2013-2014
- *** Ghrist is on IMA board
- *** need to show that there's lot of interest, also from Europe --> APPLY!

- ** there's a Google group on AAT

- * Goubault suggests central AAT web page / wiki / portal
- * Goubault tells about French projects
- ** GEOCAL (finished): geometry vs logic; also rewriting; ANR funded
- ** INVAL (current): topology and rewriting; ANR funded
- ** PANDA (current): getco and static analysis; ANR funded; also with Airbus
- ** C3TTA

- * Farber: has grant at Durham for "Tools of AAT"; postdocs etc
- * Farber suggests that we also need small-scale collaboration; small workshops with people from different areas
- * Raussen: there's research institutes for that:
- ** Dagstuhl; Oberwolfach
- ** Edinburgh; Cambridge
- ** CIRM
- ** IMA

- * Kozlov likes Dagstuhl
- * Goubault: has good contacts to Reinhard Wilhelm --> Dagstuhl
- * Raussen and Ghrist tell about ATMCS-IV: 2010-06-21-25, Münster
- * Raussen tells about IST Austria
- * Gafni: There's also IPAN at UCLA
- * Ghrist: And Banach; Lorentz
- ** knows Vanderworst at Lorentz

- * Ferri: Italy is bad for mathematics; anti-applications; no good for AAT

- * Kozlov suggests SIAM for portal / activity group
- * Ghrist: SIAM already has "applied algebraic geometry" activity group
- ** and they'd like us to join; Ghrist supports this
- ** need SIAM membership for activity group

- * AAT portal: want list of books, even general publication list / guide
- ** Raussen: this is lot of work

- * Raussen distributes tasks of checking out research institutes:

- ** Farber: Edinburgh
- ** Goubault: CIRM
- ** Kozlov: Oberwolfach
- ** Kozlov, Herlihy: Dagstuhl
- ** Gafni: IPAM
- ** Raussen: Banach
- ** Ghrist: Lorentz

- * Raussen assigns portal work to Paris group / Goubault
- * Guldberg asks how easy / difficult it is to recruit AT students for different people
- ** in Europe it seems not easy in general
- ** Ghrist: In US there's a lot

- * Raussen asks about EU FP7 applications
- ** Goubault: this is very difficult; lot of work
- *** projects need to be very big
- *** long complicated application process

- * Ferri suggests that we all report to our math.societies about the GETCO meeting and general AAT collaboration

Added later: Note the algebraic topology mailing list
<https://lists.lehigh.edu/mailman/listinfo/algtop-1>