

Atelier PARI/GP 2012

Institut de Mathématiques de Bordeaux
January 2012, monday 23rd – friday 27th

All activities in the workshop take place in room 385 (3rd floor)

Monday 23rd

- 13:30 - 14:00 Welcome to participants (Salle de détente)
14:00 - 15:30 *Bill Allombert* [tutorial] git & PARI
Coffee break
16:00 - 17:30 *Karim Belabas* [tutorial] The PARI source code; navigation, debugging

Tuesday 24th

- 9:00 - 10:15 *Karim Belabas* [tutorial] Adding a new function; documentation, test suites
Coffee break
10:45 - 12:00 *Bill Allombert* [tutorial] gp2c & clean GP programming
Lunch
14:00 - 15:00 [discussion] Improving the GP language 1
15:00 - 18:00 Hacking session

Wednesday 25th

- 9:00 - 9:40 *Charles Boyd* Paridroid
9:45 - 10:15 *Bill Allombert* Error trapping, `t_ERROR`
Coffee break
10:45 - 12:00 [discussion] New functions for the PARI library / Planning
Lunch
14:00 - 15:00 [discussion] Improving the GP language 2
15:00 - 18:00 Hacking session

Thursday 26th

- 9:00 - 9:40 *Bill Allombert* Parallel programming
9:45 - 10:15 *Loïc Grenié* A modular HNF
Coffee break
10:45 - 12:00 [discussion] New functions for the PARI library / Planning
Lunch
14:00 - 18:00 Hacking session

Friday 27th

- 09:00 - 09:40 *Aurel Page* Quaternion algebras
09:45 - 10:15 *Loïc Grenié* `bnfinit()`
10:45 - 11:25 *Bill Allombert* PARI's floating point kernel
11:30 - 12:00 [Discussion] Debriefing, what next ?
Lunch