A Warm Welcome to the Isabelle Developers Workshop
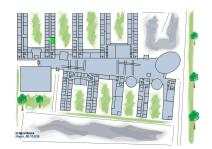
A few introductory remarks

Internet

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- Full Internet access via cabels in Room John von Neuman (00.11.038).

Ground floor
Finger 11
Room 38

Eating

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Money comes from a research grant.

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- Saturday: is a public holiday. Pretty everything is closed here in Garching; we will order pizza for lunch.

Material and Local Info

All material for the tutorials will be at

`http://tphols.in.tum.de/idw.html`

Local info is contained in two documents. Please ask us if you need further assistance.

[conference pdf]   [workshop pdf]

Schedule

9:15 – 10:00	Tutorial 1
	Coffee
10:30 – 11:15	Tutorial 2
	Coffee
11:45 – 12:30	Tutorial 3
	Lunch
14:30 – 15:15	Tutorial 4
	Free time

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There is nothing organised for the free time. You have to get active yourself!

Stefan Berghofer

- Isabelle since 1996
- wrote numerous packages for Isabelle (datatype, primrec, . . .)
- simplifier, code generation

Jasmin Blanchette

- Isabelle since 2008
- is working on a new counter example generator NitPik ("quickcheck++")

Sascha Böhme

- here only today
- Isabelle since 2007
- is working on connecting SMT solvers to Isabelle
- also on HOL-Boggie, a verifier for C and C$^\sharp$

Lukas Bulwahn

- Isabelle since 2006
- termination of functions, quickcheck++

Florian Haftmann

- Isabelle since 2003/'05
- code generation
- type classes

Johannes Hölzl

- Isabelle since 2005
- reflections, tactics, imperative functions

Fabian Immler

- Isabelle since 2008
- concurrency with PolyML
- infrastructure for Sledgehammer
- jEdit / Scala

Alexander Krauss

- Isabelle since 2005?
- function package

Markus / Makarius Wenzel

- Isabelle since 1993
- Isar, new GUI, everything else

Tobias Nipkow

- Isabelle since ∞
- will occasionally be here

Final Request

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- Using Isabelle is difficult (especially for students).
- Programming on the ML-level of Isabelle is 1000 times harder.
- The workshop is meant to help you. Please help improving the Isabelle Programming Tutorial:

http://isabelle.in.tum.de/nominal/activities/idp/