How to give a talk?

Florian Rabe

Jacobs University Bremen, Computer Science

Doctoral Programme at CICM 2015

Advice for Students

- Loosely edited list of advice `https://www.authorea.com/43655-Advice-for-Students`
- Apparently very helpful
- Neither sound nor complete
- Includes section on talks
- Any feedback/additions welcome

MathML vs. TPTP: Logical Similarities

If we abstract from

- concrete syntax
- intended purpose
- user community
- tool support

the languages are quite similar:

MathML

- MathML objects: constants, variables, application, arbitrary binding
- all operators introduced/specified in content dictionaries

TPTP (since expansion towards higher-order logic)

- TPTP formulas: constants, variables, application, built-in binders $\forall\exists\lambda\Pi\Sigma$
- logic-related operators built-in, specified in various language references no fixed type systems, no fixed calculus
- other operators introduced/specified in TPTP files

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  - semantics left open — no fixed type systems, no fixed calculus
  - specified in various language references — fof, tff, thf, thf1, ...

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- most operators introduced/specified in TPTP files
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  - semantics left open — no fixed type systems, no fixed calculus
  - various dialects — fof, tff, thf, thf1, ...