

# EuroProofNet

WG2 kickoff meeting

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# EPN Network

- ▶ Boosting the interoperability and usability of proof systems
- ▶ <https://europroofnet.github.io/>
- ▶ If you have not registered, do so!  
(travels to win! interesting science! short missions sponsored! ...)

- ▶ WG2: Automated Theorem Provers
- ▶ Currently: Pascal Fontaine (leader), Alex Steen (vice-leader)
- ▶ October 2022: Alex Steen (leader), Pascal Fontaine (vice-leader)

## Deliverable D3 (Month 18)

- ▶ Inventory of automated theorem provers producing proofs, description of proof formats, and inventory of checking tools for these proof formats
- ▶ <https://github.com/EuroProofNet/ATP/wiki>

## Deliverable D4 (Month 40)

- ▶ Software for translating proof formats used by automated theorem provers to Dedukti

## D3: your contribution needed!

### Deliverable D3 (Month 18)

- ▶ Inventory of automated theorem provers producing proofs, description of proof formats, and inventory of checking tools for these proof formats
- ▶ <https://github.com/EuroProofNet/ATP/wiki>

## D4: the real thing

- ▶ Some activities to contribute:
  - ▶ TPTPTP on proofs (submitted): TPTP community will be informed
  - ▶ Hackathon on ATP and Dedukti (submitted): if you want to participate, tell us
  - ▶ Is there a need for a meeting on proofs in SMT?
- ▶ Let us know if you have ideas!

## A few last words

- ▶ Advertise EuroProofNet!
- ▶ EuroProofNet can sponsor short term missions that help in our goals: do not be shy to apply
- ▶ EuroProofNet can sponsor meetings and schools (with conditions) that help in our goals
- ▶ Again, let us know if you have ideas!