

# EuroProofNet WG 2

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# Activities of WG 2 (ATP): Admin

- Alexander Steen left his position  
[WG2 vice leader, then leader, then vice leader until Summer 2024]
- Sophie Turret replaces him as vice leader

Thank a lot to Alex for his service and to Sophie for replacing him

# Activities of WG 2 (ATP): Meetings

1) WG1+2+4 meeting (Fontainebleau)

2) SAT/SMT/AR Summer School (Nancy)

3) TPTP Tea-Party (Nancy)

Focus: System standards, tools

4) Rule-based automated provers for geometry (Nice)

Focus: set of rules, rendering

# Activities of WG 2 (ATP): Deliverables

- D2. Inventory of automated theorem provers producing proofs, description of proof formats, and inventory of checking tools for these proof formats. (March 23)

# Activities of WG 2 (ATP): Deliverables

- D2. Inventory of producing proofs  
inventory of checker  
(March 23)

## Deliverable 9

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

- D9.  
(January 25)

- [ZenonModulo](#)
- [ArchSAT](#)
- [iProverModulo](#)
- [Ekstrakto](#): TSTP to Lambdapi
- [Skonverto](#) deskolemizer
- [GDV-LP](#): TSTP to Lambdapi/FOL ([doc](#))
- [Carcara](#): translator from Alethe to Lambdapi

# Activities of WG 2 (ATP): Deliverables

- D2. Inventory producing prc inventory of c (March 23) **Deliverable 10**  
Release of software for translating proofs coming from important proof systems based on set theory like Mizar, Atelier B or TLAPS to Dedukti and back.
- D9. (January 25)
  - [Implementation of set theory using pointed graphs](#)
  - [B-pog-translator](#): translator from Atelier B proof obligation files to Lambdapi
- D10. (September 25)
  - [mml2lambdapi](#): translator from Mizar to Lambdapi

# Activities of WG 2 (ATP): Publications

See the EPN publication list.