

WG3 Kick-Off meeting

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WG3 - Program Verification



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About WG3

- About 116 members from 32 different countries
 - different perspectives and approaches to the verification problem

Action challenge

boost the interoperability and usability of proof systems

- WG3 - beyond the state-of-the-art
 - Verification approaches can envisage **new applications and integration of proof systems** to overcome challenging problems that combine features that are better expressed in different logics.
 - Scalability and usability of verification techniques can be improved thanks to the exploitation of **synergies among different verification tools**.
 - Make verification techniques more successful by **taking advantage of advances on interoperability** between automated and interactive theorem proving, the mathematical formalisation of program semantics, and type theory.



The WG3 Kick-off meeting

- Goals of this meeting:
 - Bring together members of the different communities.
 - Create an excellent and inclusive network of researchers in Europe.
 - Start discussions to identify steps towards achieving the action's goals
 - Transfer knowledge in terms of expertise.
- How:
 - Common knowledge about goals and deliverables included in the MoU
 - *Thursday morning*
 - Sharing and discussing perspectives of different WG3 members
 - *Brief talks, Thursday and Friday*
 - Creating the space to discuss and agree about how to reach the goals.
How can we contribute to the action.
 - *Discussion and interaction sessions*
 - *Zulip discussions*



WG3 Communication

- **Mailing list:** only for WG3 announcements – epn-wg3-verif@inria.fr
- **Zulip:** official communication channel for interaction, independent from meetings and events. We'll move topics and discussions to Zulip to keep them live after this meeting.

<https://epn.zulipchat.com>

- **During this event:** MS Teams for collaboration



Questions?

