



CoCo 2021 Participant: CeTA 2.40

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# CeTA 2.40



- CeTA: certifier of various properties, verified in Isabelle/HOL
- confluence part of CeTA developed by
  - Bertram Felgenhauer
  - Julian Nagele
  - Christian Sternagel
  - Thomas Sternagel
  - René Thiemann
  - Sarah Winkler
  - Akihisa Yamada
  - Harald Zankl
- several confluence techniques supported, see a complete list at:  
<http://cl-informatik.uibk.ac.at/software/ceta/>
- no new confluence techniques in CeTA 2.40 in comparison to 2020
- **improved support for** confluence techniques based on (relative) **termination**
  - included **multiset-comparisons in weighted path order**
  - new potential to **optimise your certified confluence strategy**