Welcome to IMPACT 2026
16th International Workshop on Polyhedral Compilation Techniques

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January 28th, 2026

Program

- **Keynote :** Retire Linear Algebra Libraries - 4 years later (10h - 11h)

- **Session 1 :** Foundations (11h30 - 12h30)
  - ▶ Z-polyhedra and LBLs in PolyLib
  - ▶ Towards Optimising Programs with Sketch-Guided Polyhedral Compilation

- **Session 2 :** Program transformation (14h - 15h)
  - ▶ Guiding Polyhedral Scheduling for Vectorization through Constraints Generated from an SLP Algorithm
  - ▶ New Insights on Scalar Promotion with the Polyhedral Model

- **Session 3 :** Community Discussion (15h - $\leq$17h30)
  - ▶ Spontaneous (short) presentation/discussion welcome

Thank you

- For their help organizing :
  - Vincent Loechner (INRIA & U. of Strasbourg, France)
  - Alain Ketterlin (INRIA & U. of Strasbourg, France)
  - Sven Verdoolaege (Cerebras Systems, Belgium)

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- . . .and all the participants.

Keynote

- **Keynote (10h -11h) :**
  Retire Linear Algebra Libraries
     - 4 years later

- Albert Cohen (Google)