

# Integrated Matrix Extension (IME)

Task Group Meeting

**Guido Araujo**  
**Jose Moreira**

05/06/24

# Agenda

- Definition of TG schedule for 2024
- Update on workgroup definition
- Update on workloads and benchmarking
- [CN.Ke] Andes presentation on Cache and DRAM metrics

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# TG schedule for 2024

[illegible]

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# Working groups

Groups	Coordinator	Members
Option A and A*		Huayue Liang
Option B		
Option C		
Option D	Abel Bernabeu	
Option E	Jim (CN.Ke)	Yi-Xuan.Huang
Workloads and Benchmarking	Guido Araujo	

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# Workloads and benchmarking

- ML workloads
  - CNN model instruction analysis (T-Head)
  - ConvBench performance analysis (Unicamp)
  - CNN model POWER10 MMA transfer analysis (Unicamp)\*
- HPC workloads
  - Polybench ad-hoc operation analysis (Unicamp)
  - Polybench POWER10 MMA transfer analysis (Unicamp)\*



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