PACT 2026
Banquet & Awards

International Conference on
Parallel Architectures and
Compilation Techniques



October 19–22, 2026
Discovery Partners Institute, Chicago

Michela Taufer, General Chair
University of Tennessee, Knoxville

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176 attendees. One PACT community.

176

attendees

Your ideas, energy, and participation over four days made PACT 2026 a memorable community gathering.



Four days to exchange results and build new collaborations.

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Excellence. Celebration. Chicago.



Tonight, we honor outstanding research and the people behind PACT 2026.

Then, we take the celebration to new heights
with a visit to the Skydeck!



Best Paper Award

ESA: Improving GPU Utilization with Elastic Isolation for ML Inference Services

Taeklim Kim, The University of Texas at Austin
Saurabh Agarwal, The University of Texas at Austin
Rachata Ausavarungnirun, MangoBoost Inc.
Jayneel Gandhi, Meta
Christopher J. Rossbach, The University of Texas at Austin and Microsoft

ESA received consistently high novelty scores from reviewers for its innovative GPU architecture that improves utilization while protecting latency-sensitive AI inference. Its originality, rigorous evaluation, and potential impact on AI infrastructure merit the PACT 2026 Best Paper Award.



Jaejin and Bernhard

Best Artifact Award

SALT: Symbolic Analysis of Loop Tiling

Yanghui Wu (University of Rochester), Yifan Zhu (University of Rochester), Yekai Pan (University of Rochester), and Chen Ding (University of Rochester)

Reviewers praised the artifact's clear documentation, reproducible results, and seamless MLIR integration. Its faithful symbolic analysis implementation and the authors' responsive fixes earned multiple nominations for the Distinguished Artifact Award.

Tanu, Bo, and Danu



Chameleon Travel Awards

Supported by the Kate Keahey and the Chameleon Project

Splyce: https://trovi.chameleoncloud.org/dashboard/artifacts/4ad43ccf-564d-450a-abf2-25a99d5d3d70

- Kabilan Mahathevan, Poorna Gunathilaka, Kirshanthan Sundararajah
- Virginia Tech

SALT: https://trovi.chameleoncloud.org/dashboard/artifacts/fa2befc9-24de-442a-9fde-2141e0502eab

- Yanghui Wu, Yifan Zhu, Yekai Pan, Chen Ding
- University of Rochester



Tanu, Bo, and Danu

ACM Student Research Competition

Undergraduate — Finalists

Jihyeon Hwang and Seungeun Lee
ACIO: Always-Complete Isolation of Outliers with Parallelism-Amortized Hardware for Low-Bit LLM Quantization

Nikhil Rout
RoadBlock: Rethinking GPU Tensor Core Microarchitecture for Emerging Microscaling Format Support

Murat Toprak
Joint Bit-Width and Fan-In Sensitivity Optimization for FHE-Aware Neural Network Acceleration



Jay

ACM Student Research Competition

Undergraduate — Third Place

Murat Toprak
Joint Bit-Width and Fan-In Sensitivity Optimization for FHE-Aware Neural Network Acceleration



Jay

ACM Student Research Competition

Undergraduate — Second Place

Jihyeon Hwang and Seungeun Lee
ACIO: Always-Complete Isolation of Outliers with Parallelism-Amortized Hardware for Low-Bit LLM Quantization



Jay

ACM Student Research Competition

Undergraduate — First Place

Nikhil Rout
RoadBlock: Rethinking GPU Tensor Core Microarchitecture for Emerging Microscaling Format Support



Jay

ACM Student Research Competition

Graduates — Finalists

Befikir Bogale
Diagnosing GPU Performance Regressions Across Compiler Versions with Strata

Eric Dubberstein
Software-Controlled GB-Scale 3D-SRAM Residency for GPUs

Atharva Raut
XBM: Hybrid Stack Composition for 3D



Jay

ACM Student Research Competition

Graduate — Third Place

Eric Dubberstein
Software-Controlled GB-Scale 3D-SRAM Residency for GPUs



Jay

ACM Student Research Competition

Graduate — Second Place

Befikir Bogale
Diagnosing GPU Performance Regressions Across Compiler Versions with Strata

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ACM Student Research Competition

Graduate — First Place

Atharva Raut
XBM: Hybrid Stack Composition for 3D

Jay



Technical Program Leadership

Jaejin Lee

Technical Program Chair
Seoul National University

Bernhard Egger

Technical Program Vice-Chair
Seoul National University



Michela

Artifact Evaluation Leadership

Tanu Malik

Chair

Doru Adrian Thom Popovici

Vice-Chair

Bogdan “Bo” Alexandru Stoica

Vice-Chair

Michela



Finance Leadership

Antonino Tumeo

Finance Chair

Pacific Northwest National Laboratory



Michela

Website Leadership

Kin Hong Ng

Web Chair

University of Tennessee, Knoxville



Michela

Audio / Visual Leadership

Kin Hong Ng and Kin Wai Ng

AV Chairs

Thank you for keeping the conference running smoothly.



Michela

Local Arrangement

Grace Wisser, Jessica Walker, and Brenda Peterson

Local Arrangement Co-Chairs

Thank you for keeping the conference running smoothly.



Michela

Our Student Volunteers

Steven, Befikir, and the Discovery Partners Institute

Thank you for keeping the conference running smoothly.



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All the other volunteers

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Jungwon Kim
NVIDIA

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Jie Ren — William & Mary

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University of Illinois Urbana-Champaign

All the organizers of the Monday Tutorials and Workshops!



Michela

See you at PACT 2027



From Chicago

To Tokyo

