2025 IEEE 36th International Conference on Application-specific Systems, Architectures and Processors (ASAP 2025)

Vancouver, British Columbia, Canada
28-30 July 2025

IEEE

IEEE Catalog Number: CFP25063-POD
ISBN: 979-8-3315-9553-1

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP25063-POD
ISBN (Print-On-Demand):	979-8-3315-9553-1
ISBN (Online):	979-8-3315-9552-4
ISSN:	2160-0511

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings.com

2025 IEEE 36th International Conference on Application-specific Systems, Architectures and Processors (ASAP)

ASAP 2025

Table of Contents

Scalable Systems and Secure Acceleration

Design Exploration and Emerging Hardware

RISC-V and Custom Architectures

LLMs, Transformers, and Accelerators

ASAP since the Millennium: A Selection of Most Representative Papers

Special Session: Reconfigurable Edge Computing

Special Session: Architectures for Sustainable Security

Posters