2025 12th International Conference on Dependable Systems and Their Applications (DSA 2025)

Sharjah, United Arab Emirates
24-26 November 2025

IEEE Catalog Number: CFP25M61-POD
ISBN: 978-1-6654-7770-3

****** 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:	CFP25M61-POD
ISBN (Print-On-Demand):	978-1-6654-7770-3
ISBN (Online):	978-1-6654-7769-7
ISSN:	2767-6676

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

2025 12th International Conference on Dependable Systems and Their Applications (DSA)

DSA 2025

Table of Contents

Software Testing and Fault Localization

LLM Applications in Software Engineering I

LLM Applications in Software Engineering II

Software Reliability and Safety

Human–AI Interaction

Object Detection Analysis

Data-Driven Intelligence, Prediction, and Analytics

Autonomous Vehicle Software

Reliable Decision and Scheduling

Intelligent Optimization and Engineering Systems

Fast Abstracts