Bio

David Luckham
Professor (Research) of Electrical Engineering, Emeritus

Professor Luckham's research and consulting activities in software technology include multi-processing and business processing languages, event-driven systems, complex event processing, commercial middleware, program verification, systems architecture modelling and simulation, and artificial intelligence (automated deduction and reasoning systems).

In the past he has served on review committees during the DoD Ada Language design competition, and was a Distinguished Reviewer on the DoD Ada9X design project. In 1993-94 he was a member of the TRW Independent Assessment Team tasked with reviewing the FAA's Advanced Automation System for the FAA, and in 1994-96 he was a distinguished reviewer for the DoD High Level Language for modelling and simulation. He has published four books and over 100 technical papers; two ACM/IEEE Best Paper Awards, several papers are now in historical anthologies and book collections. His 2002 book is a benchmark introduction to complex event processing, "The Power of Events". His 2012 book, "Event Processing for Business" documents current applications of Complex Event Processing in many areas of Information Technology.

ACADEMIC APPOINTMENTS

• Emeritus Faculty, Acad Council, Electrical Engineering
Publications

PUBLICATIONS

- Event-based execution architectures for dynamic software systems 1st Working IFIP Conference on Software Architecture (WICSA1)
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- DEBUGGING ADA TASKING PROGRAMS *IEEE SOFTWARE*
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- AN OVERVIEW OF ANNA, A SPECIFICATION LANGUAGE FOR ADA *IEEE SOFTWARE*
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- ADAM - AN ADA-BASED LANGUAGE FOR MULTIPROCESSING *SOFTWARE-PRACTICE & EXPERIENCE*
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