technical programme topic chairs

TOPIC CHAIRS

System Specifications, Models and Methodologies

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System Design, Synthesis and Optimization

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Simulation and Validation

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Design of Low Power Systems

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Power Estimation and Optimisation

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Emerging Technologies, Systems and Applications

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Formal Methods and Verification

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Network on Chip

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Architectural and Microarchitectural Design

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Architectural and High-Level Synthesis

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Reconfigurable Computing

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Logic and Technology Dependent Synthesis

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Physical Design and Verification

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Analogue and Mixed-Signal Systems and Circuits

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Interconnect, EMC, EMD and Packaging Modelling

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Computing and Green IT Systems

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Communication, Consumer and Multimedia Systems

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Transportation, Management and Energy Generation Systems

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Medical and Healthcare Systems

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Secure Systems

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Reliable and Reconfigurable Systems

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Industrial Experiences Brief Papers

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Test for Defects, Variability, and Reliability

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Test Generation, Simulation and Diagnosis

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Test for Mixed-Signal, Analog, RF, MEMS

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Test Access, Design-for-Test, Test Compression, System Test

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On-Line Testing and Fault Tolerance

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Real-time, Networked and Dependable Systems

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Compilers and Software Synthesis for Embedded Systems

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Model-Based Design and Verification for Embedded Systems

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Embedded Software Architectures

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Cyber-Physical Systems

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