Panel

The Future of System-Level Design:
Can We Find the Right Solutions to the Right Problems at the Right Time?

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Over the last 15 years we have seen and helped the evolution of design from behavioral modeling to hardware/software co-design, to today’s system-level design. Arguably, many of the research efforts on behavioral synthesis, hardware / software co-design, co-simulation etc. have made their way into successful commercial tools, while others went no further than a conference paper. As we continue and expand system-level research with new approaches opening exciting new research avenues, we have an obligation to look back at our successes and failures. Then looking towards the future, we must answer the question: are we solving the right problems with the right solutions at the right time, or should we go back to the drawing board and think of brand new research approaches?

This panel will bring together panelists experienced in various aspects of system-level design who will present different views on what this community has achieved over the last 15 years and draw a roadmap for future research.