

RAPIDO'15, 7th Workshop on Rapid Simulation and Performance Evaluation: Methods and Tools

An Efficient Joint Analytical and Simulation-based Design Space Exploration Flow for Predictable Multi-Core Systems

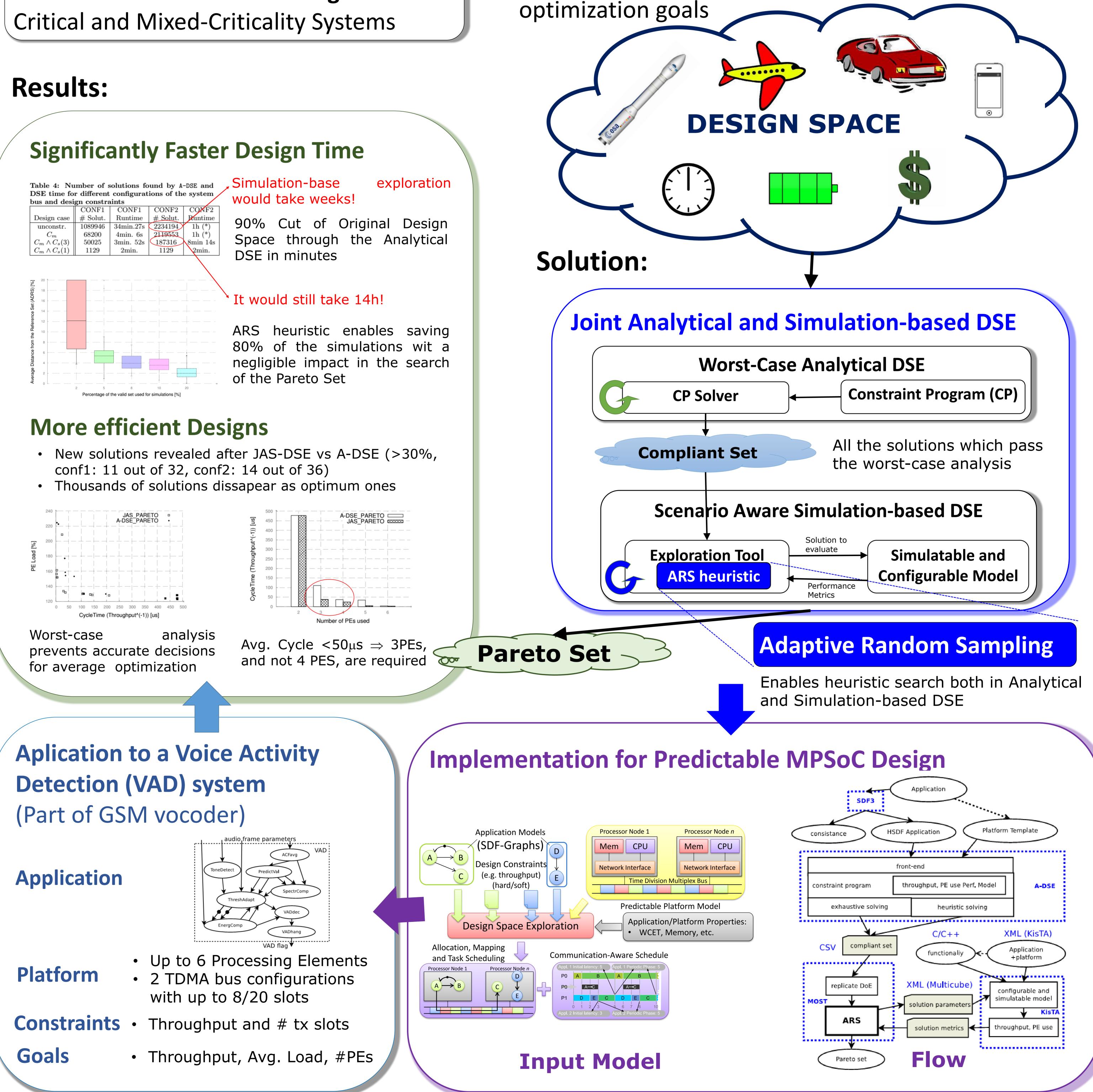
	UNIVERSIDAD DE CANTABRIA		KTH VETENSKAP OCH KONST		MILANO
	University of	A Bur	KTH Royal Institute of		Politecnico
F. Herrera	Cantabria	I. Sander, K. Rosvall	Technology	E. Paone, G.Palermo	di Milano

Goal:

Faster and More Efficient design of Time

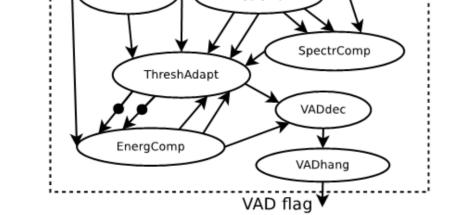
Challenge:

Huge design space, critical time constrains and



	CONF1	CONF1	CONF2	CONF2		
Design case	# Solut.	Runtime	# Solut.	Runtime		
unconstr.	1089946	34 min.27 s	2234194	1h (*)		
C_m	68200	4min. 6s	2119553	1h (*)		
$C_m \wedge C_s(3)$	50025	3min. 52 s	187316	$8 \min 14 s$		
$C_m \wedge C_s(1)$	1129	2min.	1129	2min.		







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