

IRISA - SISTHEM team - <http://www.irisa.fr/sisthem/>
Test cases processed - I: identification, D: detection.

Task	Simulators	Our algorithms tested at	Partner
I & D	18 masses & springs	SISTHEM	CNEXO
I & D	Rotating shaft	SISTHEM	EDF
I	Triangular structure	AS&I Dataid	
I & D	In-flight rocket	SISTHEM	ECP
I & D	Steelquake simulator	SISTHEM	
I & D	Flutter simulator (1)	SISTHEM	VUB
I & D	Flutter simulator (2)	SISTHEM	UMAN
I & D	Flutter simulator (3)	SISTHEM	
I & D	In-flight data	SISTHEM	Airbus France
I	Launcher	EADS Launch Vehicles	CNES
I & D	Bridge deck	SISTHEM	ECP
I & D	Three-span bridge	SISTHEM, ULB-ASL	ULB-ASL
I	Sets of impulse responses	EADS-Astrium	CNES
I & D	Flight acceleration phase	SISTHEM, ONERA	ONERA
	Laboratory test-beds		
I & D	Cantilever beam	SISTHEM	EDF
I & D	Clamped & free aluminum beam	LMS	
I & D	Steel frame breadboard model	LMS	
I & D	Sport car scale model	LMS	
I & D	Steelquake model	SISTHEM	COST F3
I & D	Composite plate	U. Siegen	
I & D	Reticular structure	LMS	
I & D	Pre-stressed clamped beam	LCPC, SISTHEM	LCPC
I	Large scale pre-flexed beam	LCPC, SISTHEM	LCPC
I		Politecnico di Torino	
I & D	Aircraft model	SISTHEM	U. Liège
I & D	Composite plastic engine oil pan	LMS, SISTHEM	LMS
I	Tensioned cable	LCPC, SISTHEM	LCPC
I & D	Pre-stressed beam, rubber bearings	LCPC, SISTHEM	LCPC
I	GARTEUR	SOPEMEA	
I & D	ASCE SHM benchmark	HIT Beijing	
	Real structures		
I & D	Offshore platforms	CNEXO, SISTHEM	Elf Norway
I & D	Turbo-alternator	SISTHEM	EDF
I	Subway carrying bogies	AS&I Dataid	RATP
I	Washing machine	AS&I Dataid	
I & D	Suspended Paris MS760 aircraft	SOPEMEA, SISTHEM	
I & D	Sport car	LMS	
I	Helicopter	PZL-Swidnik	
I & D	Z24 bridge	LMS, SVIBS, SISTHEM	COST F3
I & D	Slat track	LMS	
I & D	Ariane V launcher - Ground tests	SISTHEM	EADS Launch Vehicles
I & D	Ariane V - Flights 501 & 502	CNES, SISTHEM	EADS Launch Vehicles
I	Launcher	EADS Launch Vehicles	CNES
I	Ariane V booster tests	ASTRIUM Space Transportation	CNES
I	Ariane V lift-off	ASTRIUM Space Transportation	CNES
I	Airbus A320 - In-flight	Airbus France, SISTHEM	Airbus France
I	Airbus A340 - In-flight	SISTHEM	Airbus France
I	Rafale - Ground tests	SOPEMEA, SISTHEM	Dassault
I	Rafale - In-flight	SOPEMEA, Dassault, SISTHEM	Dassault
I	Falcon - In-flight	SOPEMEA, Dassault, SISTHEM	Dassault
I	Bradford stadium	SISTHEM	U. Sheffield
I	Manchester stadium	SISTHEM	U. Sheffield
I & D	Painter Street Overpass	SVIBS, SISTHEM	SVIBS, UBC
I & D	Mogadouro clock tower	U. Minho, SISTHEM	U. Minho, KUL
I & D	San Jeronimo monastery church	U. Minho, SISTHEM	U. Minho
I	Engine structure	SISTHEM, SNECMA	SNECMA
I	Shaker-excited electronic armatures	SOPEMEA	
I & D	Roberval bridge	LCPC	