







PHYSICAL MECHANISMS AND COMPONENTS:		Stresses: micro/internal	Stresses: macro/applied	Combustion: major species	Combustion: radical species	Turbulent mixing	Composite: just fibers	Composite: fibers & matrix	Radiation	Transient conduction	Flow	Micro-mech. failure	Time	Sim. model dimensionality
CONFIGURATIONS	Focused Ions 						×						$\lesssim$ ns	0D
	Laser Ablation 						×	×	×	×			$\sim \mu$ s	1,2D-axi
	Plasmatron 						×	×	×	×	×		s–min	1,2D-axi
	Jet LIB Ign. 			×	×	×					×		ms	2-axi,3D
	Passive Ox. 	×					×	×				×	> min	0,1D
	Oxid. & Stress 	×	×				×	×				×	> min	1D
	Flexible wall 		×				×	×			×	×	s	2,3D
	ACT-II 	×		×	×	×	×		×		×	×	$\lesssim$ s	3D
	Scramjet 	×	×	×	×	×	×	×	×	×	×	×	$\gtrsim$ min	3D