Experimental (Wind Tunnel)	Computational (CFD)
• Quantitative description of flow phenomenon using measurement	• Quantitative prediction of flow phenomenon using CFD
• For limited quantities at a time	• For all desired quantities
• At a limited number of points and time	• With high resolution in space and time
• For a limited range of problem and operating conditions	• For virtually any problem and realistic operating condition
Error sources	**Error sources**
• measurement errors	• Modeling
• flow disturbances by the probes	• Discretization
	• Iteration
	• Implementation