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**Uncertainty quantification in numerical models, with a focus on Sensitivity Analysis**

Many numerical models use a large number of poorly-known parameters as inputs. Sensitivity analysis aims at quantifying the influence of each of these parameters (or of each subset of these parameters) on specific quantities of interest. More generally it helps in understanding model behavior, characterizing uncertainty, improving model calibration, etc. During this talk I will provide basics of sensitivity analysis as part of uncertainty quantification.