* **<u>Research area</u>**: Decision under uncertainty, Global continuous optimization under constraints

* **<u>Current work</u>**:

    * multi-expert multi-criteria decision making

    * simulation of dynamical systems under constraints and in the presence of uncertainty,

    * identification of features of dynamical systems and prediction of future behavior,

    * on-the-fly re-computation of dynamical systems parameters,

    * model-order reduction of large systems

* **<u>Current application areas</u>**: Flapping wings, Combustion systems, oil pipe drilling

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* **<u>Secondary research area</u>**: combinatorial testing
    * T-wise covering minimal test-suite generation
    * Under constraints

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