Recent advances in numerics for deterministic and stochastic dynamical systems Special Session A4

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The special session is focused on presenting recent advances in numerical modeling for evolutionary problems (such as Ordinary and Partial Differential Equations, Stochastic Differential Equations). The focus of each contribution is conveyed on numerical integrators, the analysis of their relevant properties, also towards possibile applications. Accuracy, stability and structure-preserving issues are considered, together with their role in selected applications. Theoretical issues are also supported by a proper selection of numerical experiments.

The session is scheduled on July 23–24.

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