State-of-Art in Nuclear Reactor Physics

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Message from the Guest Editor

This Special Issue of *Energies* on "State-of-Art in Nuclear Reactor Physics" focuses on new methodologies, techniques, and computational frameworks that are directly applicable to solve various design and licensing problems of modern nuclear reactor fission systems.

Relevant topics include, but are not limited to, the following research topics:

- State-of-the-art spatial kinetics methods;
- Modern nodal diffusion codes;
- The advancement of 2D and 3D deterministic transport methods;
- The use of Monte Carlo methods for full-core solutions;
- Time-dependent Monte Carlo methods;
- The development and/or application of multiphysics frameworks.

Special Issue

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Message from the Editor-in-Chief

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