

## Special Issue

# High Energy Heavy Ion Physics –Zimányi School 2024

### Message from the Guest Editors

This Special Issue will present selected papers from the 24th Zimányi School Winter Workshop on heavy ion physics (Zimányi 24, <http://zimanyischool.kfki.hu/24/>, 2–6 December 2024). *Zimányi 24* followed the rich traditions of the former Winter School, covering the recent progress in the field. We would like to invite you to participate in this year's Zimányi School Winter Workshop, which aims to summarize the developments of 2024 in high energy heavy ion physics, with particular attention to the new data emerging from the Relativistic Heavy Ion Collider (RHIC) and the Large Hadron Collider (LHC), Super Proton Synchrotron (SPS) and Japan Proton Accelerator Research Complex (J-PARC). We will discuss results from other high-energy nuclear and particle physics facilities worldwide, most importantly lower energy colliders, exploring the nuclear phase diagram (emphasizing the Facility for Antiproton and Ion Research (FAIR) searches). Another important point of the School is to discuss new results in hydrodynamics, flow, and femtoscopy. One of the school's main aims is to encourage interaction between the theoretical and experimental communities.

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### Guest Editors

Prof. Dr. Máté Csanád

Dr. Sándor Lökös

Dr. Dániel Kincses

Dr. Péter Kovács

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### Deadline for manuscript submissions

closed (31 January 2026)



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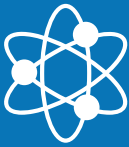


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*Physics* plays a crucial role in our understanding of the world and is of huge significance for the development of other sciences. This ensures that physics is always attracting heightened attention and is at the center of human interest. *Physics* is devoted to all aspects of physics and looks into news and progress of modern physics, seeking new horizons and future discoveries. The journal aims to provide an advanced forum for discussion of contemporary problems in physics and its development.

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### Editor-in-Chief

Prof. Dr. Edward Sarkisyan-Grinbaum

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