

# Foreword

## Special issue featuring papers from the 17th Kudowa Summer School

*Guest Editors*

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We are honored to present in this issue of *Fusion Science and Technology* (FST) three articles stemming from the 17th Kudowa Summer School, “Towards Fusion Energy,” organized by the Institute of Plasma Physics and Laser Microfusion in Warsaw, Poland. The Kudowa Summer School took place physically June 3–7, 2024, in Kudowa-Zdrój, Poland.

A multinational audience, mostly PhD students, as well as master’s students and young scientists from all over the world, had the opportunity to gather in order to broaden their knowledge of plasma and fusion physics, participating in lectures presented by outstanding and world-renowned lecturers working in the field of nuclear

fusion. The main topics of the lectures were basic plasma and fusion energy, tokamaks and stellarators, plasma focus and Z-pinches, plasma diagnostics and technology, space plasma and electric propulsion, and laser plasma. The program included 25 plenary lectures and 32 contributions.

The papers in this section thematically cover glow discharge cleaning on a stellarator, modeling of plasma disruption, and interferometric analysis of laser-generated plasma. These papers provide a snapshot of interesting fusion-related work that is underway. We wish you good reading and hope you enjoy this short FST special section. Let us next look forward to the 18th Kudowa Summer School to be held in 2026.