



“Machine learning and theoretical physics”

by Akio Tomiya

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Time and Date: 10:00-12:00, Mar 7th, 2024

Place: Room 745, Science Complex B H03 (hybrid)

Registration: "<https://us02web.zoom.us/meeting/register/tZEpfuqsrjotHd2J5Kt5FKpMM6cEoJVPIurE>"

In recent years, research on theoretical physics using machine learning has been actively conducted. This involves not only treating neural nets as black boxes, but also designing the structure of neural nets to match the physical system to be computed, and conversely, attempting to understand neural nets themselves using physics methods. In this lecture, we will summarize recent developments and introduce them to the interdisciplinary field called "machine learning physics".