



物理学特別講義 (発展) 第四十四
(Advanced) Special Lectures in Physics XXXIV

題目:

低速中性子基礎物理

Fundamental Physics using Slow Neutrons

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日程(Dates), 場所(Place)

7/14 (木) Jul. 14 (Thu)

10:45-12:25, 14:20-16:00, 16:15-17:55 (H105 and zoom)

7/21 (木) Jul. 21 (Thu)

10:45-12:25, 14:20-16:00, 16:15-17:55 (**H105 and zoom**)

7/28 (木) Jul. 28 (Thu)

10:45-12:25, 14:20-16:00 [**seminar**] (**H105 and zoom**)

Zoom URL (registration needed)

<https://zoom.us/meeting/register/tJMvcuyorD4qGtel0fXJyUI1x19ZvJNNTtt>

<講義概要, Abstract>

Slow neutrons exhibit quantum-mechanical wave nature, which can be applied to precision measurements of possible deviations from established physics laws such as the weak-interaction in the hadronic sectors, discrete symmetry violations. Experimental possibilities newly introduced by the intense slow neutron beams will be discussed.