

Abstract Submitted
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Future step of pionic atom spectroscopy KENTA ITAHASHI — High precision spectroscopy of pionic atoms has been yielding precious information on in-medium property of pion and also on the nuclei that are treated as high energy density matter. One of the most remarkable results obtained is quantitative measurement of the chiral order parameter inside the nucleus. However, its deduction still holds large ambiguities. I will briefly introduce the present status of the pionic atom spectroscopy and then proceed to possible future experimental plans in GSI, Germany and in RIKEN, Japan.

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