

806th ASRC Seminar

Date: July 26 (Mon) 13:30~14:30

Location: Second floor lobby, ASRC bldg.
& Online Seminar by Zoom

Speaker: Dr. Ping Tang

(Advanced Institute for Materials
Research (AIMR), Tohoku University)

Title: The ferroelectric point contact

Abstract:

We formulate a scattering theory of polarization and heat transport through a ballistic ferroelectric point contact. We predict a polarization current under either an electric field or a temperature difference that depends strongly on the direction of the ferroelectric order and can be detected by its magnetic stray field and associated thermovoltage and Peltier effect.

<Contact>

山本 慧 (81-6729)

ZoomのURLにつきましては、
山本慧(yamamoto.kei@jaea.go.jp)まで
ご連絡ください。

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