

[HOME](#) > [セミナー・研究会 Seminar & Workshop](#) > [Seminar](#) > Non-Sphericity/foreground effect on the dark matter halo estimation of dwarf spheroidal galaxies (in English)

[お知らせ](#)

[センター長挨拶](#)

[研究グループ](#)

[メンバー Member](#)

[セミナー・研究会 Seminar & Workshop](#)

[論文一覧 Preprint](#)

[ビジターリスト Visitor List](#)

[J-PARC分室](#)

[理論センタープロジェクト](#)

[kek member only](#)

[アクセスマップ](#)

[リンク](#)

Seminar

Non-Sphericity/foreground effect on the dark matter halo estimation of dwarf spheroidal galaxies (in English)

SPEAKER : Dr. Koji Ichikawa (IPMU)

DATE : October 20th (Thur.) 15:30~

PLACE : Kenkyu Honkan 1F Meeting Room 3

One of the most promising ways to detect dark matter is to look for its annihilation or decay products among cosmic-rays. Especially, it is found that quite strong constraints can be imposed by the gamma-ray measurements of dwarf spheroidal galaxies. However, recent studies reveal that these constraints are largely affected by the uncertainty of the dark matter halo density. In this talk, we will discuss the robustness of the dark matter halo estimation especially focusing on the effect of the non-sphericity and contamination of foreground stars.



HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION
THEORY CENTER

[ページトップへ ▲](#)

[お知らせ](#) | [研究グループ](#) | [メンバー](#) | [セミナー・研究会](#) | [カレンダー](#) | [論文一覧](#) | [リンク](#) | [アクセスマップ](#)

高エネルギー加速器研究機構 〒305-0801 茨城県つくば市大穂1-1

copyright(c)2009-2017 KEK Theory Center All Rights Reserved.