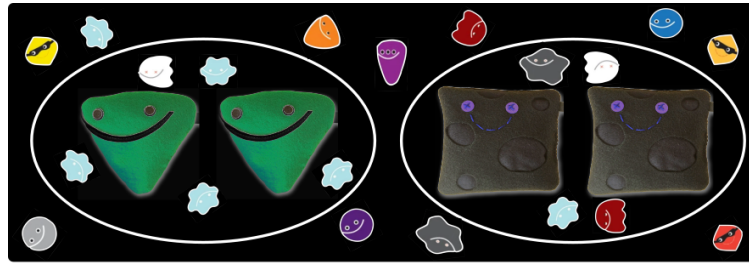


## Quarkonia meet Dark Matter



Contribution ID: 3

Type: not specified

## Electroweakly-interacting dark matter

*Tuesday 15 June 2021 20:00 (40 minutes)*

WIMPs are the candidate of dark matter in the universe. In this talk, I will talk about electroweakly interacting dark matter. It is well-motivated in particle physics model beyond the standard model. The direct and indirect detection of dark matter and also dark matter searches at LHC now give severe constraints on the WIMP models while electroweakly interacting dark matter is still free from them. It is considered that the dark matter may be tested in future experiments. For the purpose, we need to evaluate the prediction more precisely, and it requires knowledge of thermal processes in the early universe.

**Presenter:** HISANO, Junji

**Session Classification:** Main program