



**International Center
for Hadron Astrophysics**
ICEHAP CHIBA UNIVERSITY

ICEHAP Seminar

Date April 10 Wed. 16 : 00 ~ 17 : 00

Location [ICEHAP Office \(Engineering Research Bldg.1 Room609-1\)](#)

By Eliot Genton (UCLouvain / Harvard University)

Title

『The Sun in neutrinos』

Abstract

There exists a long and captivating story between our Sun and neutrinos. While MeV neutrinos produced in fusion reactions happening in the core of the Sun are the only ones detected so far, several other emission processes may lead to a detectable neutrino yield. In this seminar, I will review these various contributions and present the sensitivity of existing and future neutrino telescopes.