



Les Houches (France) Feb. 12th-17th 2023

Dear colleagues,

We would like to remind you about the upcoming workshop addressing the open question of the matter-antimatter asymmetry of the Universe from different perspectives. It is meant as a discussion forum between different approaches to find new CP violation with probes ranging from colliders to long-baseline neutrino and low-energy precision experiments such as measurements of electric dipole moments and tests in the nuclear media. The workshop is planned to bring together experimentalists and theoreticians.

In the spirit of École des Houches the workshop includes lectures focusing on key aspects of the topic to trigger many discussions in the beautiful landscape of the alps. A first set of lectures will be given by **Adam Falkowski**, presenting CP violation in effective fields theories. A second set of lectures will be given by **Julia Harz**, introducing the link between CP violation and cosmology.

Besides the two lecturers, the list of confirmed invited speakers is:

Sara Bolognesi
Skyler Degenkolb
Maritza Juliette Delgado Gonzalez
Francesca Dordei
Pierre Delahaye
Franck Deppisch
Jordy de Vries
Francesca Dordei
Pablo Fernández

Evan Goodman
Clark Griffith
Yoann Kermaïdic
Liudmila Kolupaeva
Stéphane Lavignac
Stéphane Monteil
Philipp Schmidt-Wellenburg
Mikhail Shaposhnikov

Inscriptions (including the abstract submission) are still open <https://indico.in2p3.fr/event/27893/> until December the 9th, 2022.

Sincerely,

The workshop organizers: Mathieu Guigue, Guillaume Pignol and Stéphanie Roccia