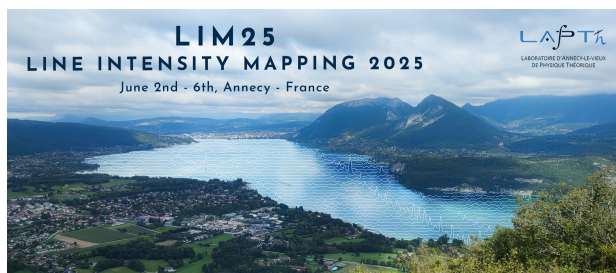


LIM25 - Annecy



ID de Contribution: 96

Type: Non spécifié

LIM with CO and COMAP

mardi 3 juin 2025 09:00 (40 minutes)

Carbon monoxide is one of the main targets for line intensity mapping, offering the potential to trace the dense gas history of the universe during the Epoch of Galaxy Assembly, and the galactic sources of ionization at the Epoch of Reionization. We review the features of CO emission that make it attractive for this purpose, discuss the current and future experimental landscape and in particular, describe the current status and next phases of the CO Mapping Array Project.

Author: CLEARY, Kieran (California Institute of Technology)

Orateur: CLEARY, Kieran (California Institute of Technology)

Classification de Session: Keynote 2: LIM with CO and COMAP