CERN Accelerators (not to scale) CMS **LHC** COMPASS **SPS** LHC-b ALICE **ATLAS West Area** East Area PS neutrinos to Gran Sasso (I)

LHC: Large Hadron Collider SPS: Super Proton Synchrotron AD: Antiproton Decelerator

ISOLDE: Isotope Separator OnLine DEvice

PSB: Proton Synchrotron Booster

PS: Proton Synchrotron LINAC: LINear ACcelerator LEIR: Low Energy Ion Ring

CNGS: Cern Neutrinos to Gran Sasso

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Gran Sasso (I)

730 km