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Measuring sub-barrier fusion cross sections of exotic nuclei using a novel radiochemical method

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Fusion reactions can play an important role in the dynamics of weakly-bound exotic nuclei at sub-Coulomb energies.
However, these measurements are usually difficult to perform due to the low value of cross sections and beam intensities.
In this contribution we discuss the advantages and limitations of applying radiochemical techniques using recent data
on the sub-barrier fusion of the systems 7Li+208Pb and 6He+208Pb.

Primary authors: Prof. MARTEL, Ismael (University of Huelva); Prof. SANCHEZ BENITEZ, Angel (University of Huelva); Prof. SHRIVASTAVA, Aradhana (Bhabha Atomic Research Centre); Prof. BOLIVAR, Juan Pedro (University of Huelva); Prof. PARKAR, Vivek (Bhabha Atomic Research Centre); Prof. MAHATA, Kripamay (Bhabha Atomic Research Centre); Mrs PADILLA, Antonio (University of Huelva); Dr MARQUÍNEZ-DURÁN, Gloria (University of Huelva)

Presenter: Prof. MARTEL, Ismael (University of Huelva)

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