

Session Program

12-14 Mar 2025

Fast timing for nuclear structure and applications - FAST'25

Day 3

Facultad de Ciencias Físicas UCM, M2/Sala de Grados
Plaza de las Ciencias 1, Ciudad Universitaria, 28040 Madrid, Spain

Friday 14 March

09:30

Day 3: Instrumentation and nuclear applications (Part III)

Session |

Location: Facultad de Ciencias Físicas UCM, M2/Sala de Grados, Plaza de las Ciencias 1, Ciudad Universitaria, 28040 Madrid, Spain |

Convener: Jose Antonio Briz Monago

09:30–10:00

Time response evaluation of fast photomultiplier tubes for LaBr₃(Ce) crystal readout

Speaker

Miriam Caballero Rodriguez

10:00–10:30

Development of a Clover-Like LaBr₃(Ce) detector module

Speaker

Ms Sulagna Dutta

10:30–11:00

Redshifted Cherenkov radiation for fast-timing detectors

Speaker

Claudia Fernández Borreguero

11:00

11:25

Day 3: Nuclear structure (Part III)

Session |

Location: Facultad de Ciencias Físicas UCM, M2/Sala de Grados, Plaza de las Ciencias 1, Ciudad Universitaria, 28040 Madrid, Spain |

Convener: Dr Bruno Olaizola

11:25–11:40

Remembering Henryk Mach

Speakers

Agnieszka Barbara Korgul, Prof. Luis M Fraile

11:40–11:55

Remembering Prof. Marek Moszyński

Speaker

Dr Agnieszka Syntfeld-Kazuch

11:55–12:25

Fast-timing and high-resolution spectroscopy investigation of the ¹²⁸Cd → ¹²⁸In → ¹²⁸Sn beta-decay chain

Speaker

Marcos Llanos Exposito

12:25–12:55

Probing the coexistence of nuclear shapes through the first lifetime measurement of the 0^+_{-3} state in ^{120}Sn

Speaker

Frank Wu

12:55–13:25

New lifetime measurements in neutron-rich even-even Zn nuclei via the decay of Cu isotopes

Speaker

Jaime Benito Garcia

13:25–13:30

Concluding remarks

Speaker

Prof. Luis M Fraile

13:30