



# IFD 2025 - INFN Workshop on Future Detectors

## Tuesday, 18 March 2025

### Liquid Detectors (14:00 - 15:30)

-Conveners: **Walter M. Bonivento; Gianfranca De Rosa; Barbara Caccianiga**

time	[id] title	presenter
14:00	[91] Research and development activities on Ar and Xe cryogenic liquid detectors	BONIVENTO, Walter M.
14:15	[90] Liquid scintillator detector: present and future perspectives	Dr BASILICO, Davide
14:30	[92] Water Cerenkov detectors: present and future perspectives	LAVITOLA, Luigi
14:45	[67] An innovative lens-based imaging detector for the liquid Argon target of SAND in the DUNE Near Detector Complex	REPETTO, Silvia
14:50	[47] Imaging of scintillation light with coded aperture masks	MEI, Filippo
14:55	[28] Back-side Illuminated SiPM for VUV/NUV light detection at Fondazione Bruno Kessler: first results	PARELLADA MONREAL, Laura
15:00	[88] Monte Carlo biasing techniques in Liquid Argon Dark Matter experiment	ROSSI, Matteo
15:05	[45] Precision measurements of (anti)neutrinos interactions with the SAND detector at the DUNE near site	Ms LUPI, Giulia
15:10	[101] Comprehensive Characterization of Photomultiplier Tubes for Next-Generation Neutrino Detectors at the CAPACITY Laboratory	Dr SIMONELLI, Andreino DE BENEDITTIS, Antonio MOLLO, Carlos Maximiliano VIVOLO, Daniele MIGLIOZZI, Pasquale
15:20	[107] Discussion	