



# PM2018 - 14th Pisa Meeting on Advanced Detectors

## Thursday, May 31, 2018

### Application to Life Sciences and Other Challenges - Poster Session (4:00 PM - 7:40 PM)

[id] title	presenter	board
[242] Cadmium Manganese Telluride versus Cadmium Zinc Telluride for X-ray detectors	RUZIN, Arie	
[241] Intense thermal neutron fields based on a medical Linac -The e_LIBANS project	COSTA, Marco	
[240] Development of new compact neutron camera for safe proton therapy	TAGAWA, Leo	
[239] Development of high-resolution Compton camera for prompt gamma-ray imaging during proton therapy	MOCHIZUKI, Saku	
[238] MWPC-based Muographic Observation System for remote monitoring of active volcanoes	OLÁH, László	
[244] Real-time wireless personal dosimeter for Interventional Radiology Procedures.	SERVOLI, Leonello	
[243] Evaluation of LFS continuous scintillation crystals for PET 1	ROS GARCIA, Ana	
[245] Development of innovative PET module with Depth of Interaction and Timing capabilities	STRINGHINI, Gianluca	
[246] MACACO II: second prototype of a Compton telescope	ROS GARCIA, Ana	
[247] In-room characterization, using an anthropomorphic phantom, of a novel detector exploiting secondary charged particles emission for on-line dose monitoring in light ions PT treatments	GIOSCIO, Eliana	
[248] Evaluation of double-sided silicon microstrip sensors as tracker components for FOOT experiment	SILVESTRE, Gianluigi	
[249] Test beam facilities at BINP	BOBROVNIKOV, Viktor	
[250] METU Defocusing Beamline Project for the First SEE Tests in Turkey and the Test Results from the METU-DBL Preliminary Setup	NIGDELIOGLU, Selen	
[251] RADIATION AND THERMAL STRESS TESTS ON DIAMOND DETECTORS FOR THE RADIAL NEUTRON CAMERA OF ITER	POMPILI, Fulvio	
[252] Evaluation of a ZnS:6LiF based scintillation neutron detector at high counting rates	HILDEBRANDT, Malte	
[253] Development of an ultra thin monitor for charged particle beams	BOYER, Bruno	
[254] SENSE - Ultimate Low Light-Level Sensor Development	STROM, Derek	
[255] The $\Delta E$ -TOF detector of the FOOT experiment: experimental tests and Monte Carlo simulations	CIARROCCHI, Esther	
[256] Low statistics activity reconstruction methods with the DoPET system	ROSSO, Valeria	
[257] Gamma beam collimation system and profile imager for ELI-NP	CARDARELLI, Paolo	
[258] Recent achievements in Life Sciences of the TwinMic soft spectromicroscopy beamline at Elettra	GIANONCELLI, Alessandra	

<b>[259] XRF topography information; simulations and data from a novel SDD system 1'</b>	GEORGE, Kourousias	
<b>[260] The INSIDE bimodal system for range monitoring in particle therapy toward clinical validation</b>	BISOJNI, Maria Giuseppina	
<b>[261] CHNET_TANDEM experiment: Use of Negative Muons at Port4 of the RIKEN-RAL for elemental characterization of "Nuragic votive ship" samples</b>	CLEMENZA, Massimiliano	
<b>[262] Silicon Photomultipliers Applied to Fluorescence Detection of Biomarkers</b>	DOROSZ, Piotr	
<b>[263] The new sample preparation line for radiocarbon measurements at the INFN Bari laboratory</b>	BARILE, Francesco	
<b>[264] A C-14 beam monitor using silicon solid state sensor for cultural heritage</b>	BARILE, Francesco	
<b>[265] Nuclear Resonant Scattering for Gamma-Beam Characterization procedure at ELI-NP</b>	CAPPELLO, Gigi	
<b>[266] A pixelated Faraday cup for proton beam diagnostics</b>	SIGNORELLI, Giovanni	
<b>[267] Innovative 3D sensitive CdZnTe solid state detector for dose monitoring in Boron Neutron Capture Therapy (BNCT)</b>	PROTTI, Nicoletta	
<b>[269] The Restoration of Early Sound Recordings using Optical Metrology and Image Analysis</b>	HABER, Carl	
<b>[268] Innovation in online hadrontherapy monitoring: an in-beam PET and prompt-gamma-timing combined device.</b>	FERRERO, Veronica	