# PM2018 - 14th Pisa Meeting on Advanced Detectors

## Thursday, 31 May 2018

**Application to Life Sciences and Other Challanges - Poster Session (16:00 - 19:40)**

| [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 ΔE-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 | |

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