

Progress on M0 PDS module swap

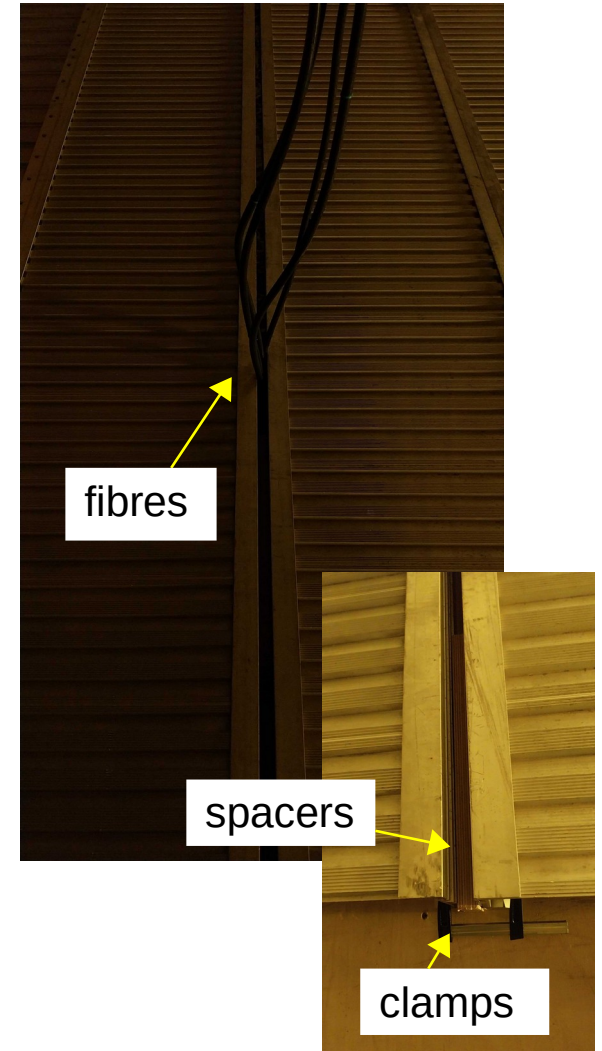
F. Marinho, D. Warner, J. Jablonsky, J. Boza, L. Paulucci & M. Arroyave

Special thanks: F. Resnati, F. Pietropaolo, J. Poirot, D. Duchesneau, C. Macias, S. Tufanli, P. Rosier, F. Cavalier

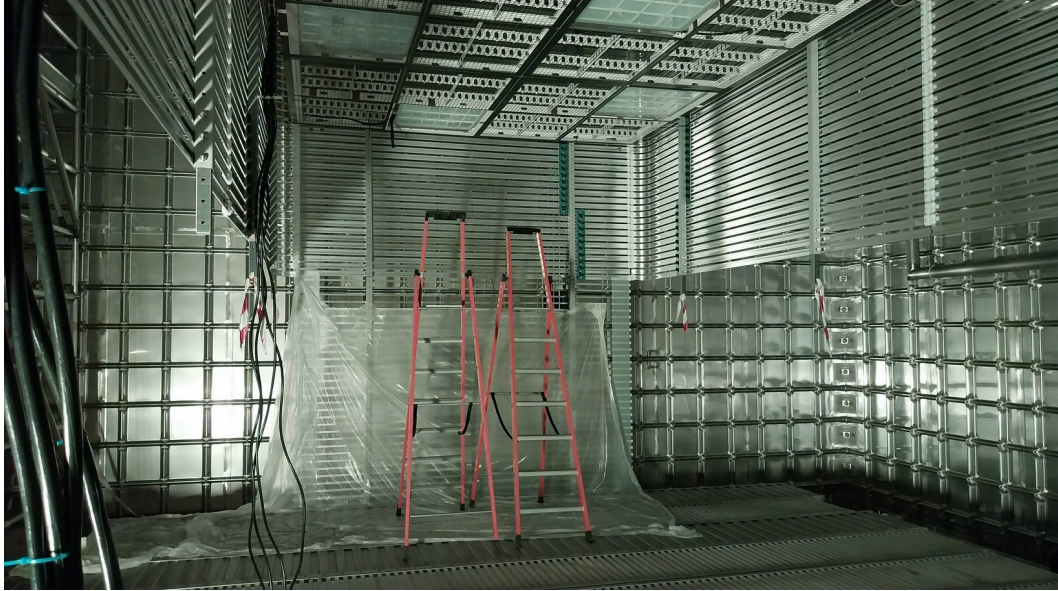
M0 PDS module swap procedure



- Aluminum platform over CRPs (J. Poirot and technicians)
 - Large size area allowing crew optimal access below cathode
 - About half cathode in length and ~ 1-1.5 m beyond FC panels



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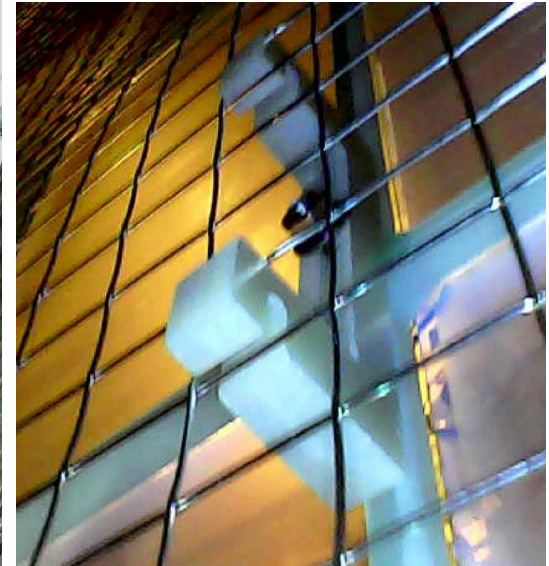
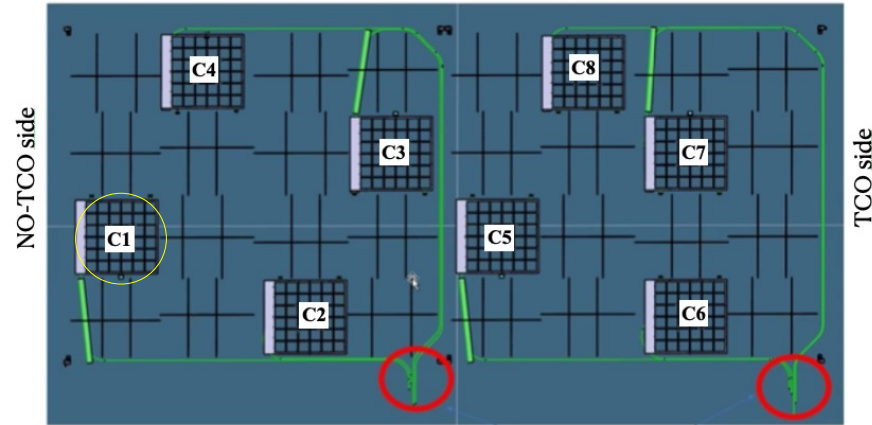
- Every item accounted (tools, materials, etc)
- People: 2 on module work + 2 assisting + 1 CRP
- Each step of the procedure is being documented
 - Log booked + pictures

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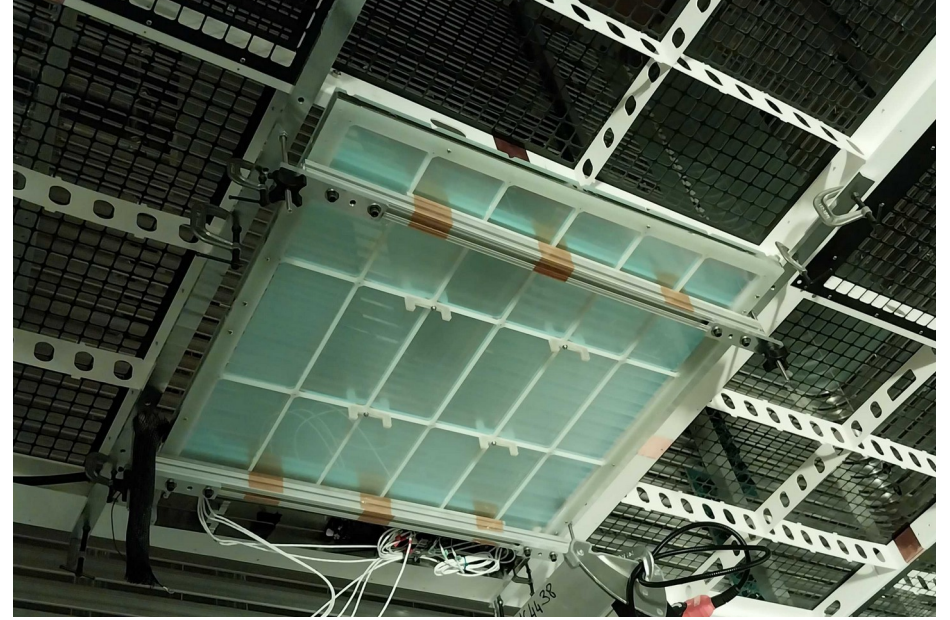
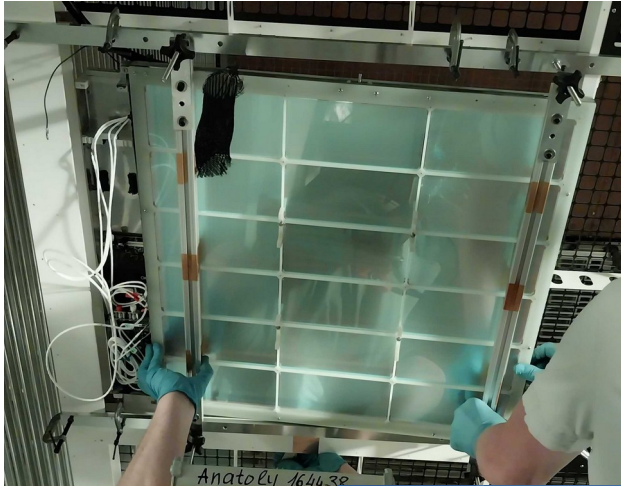


M0 PDS module swap procedure

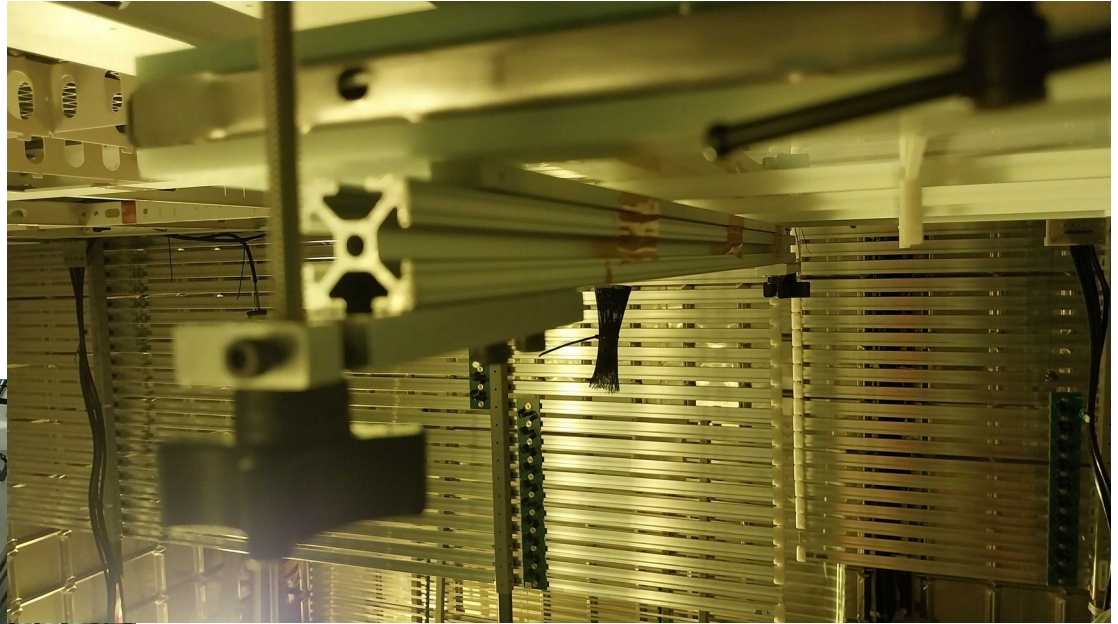
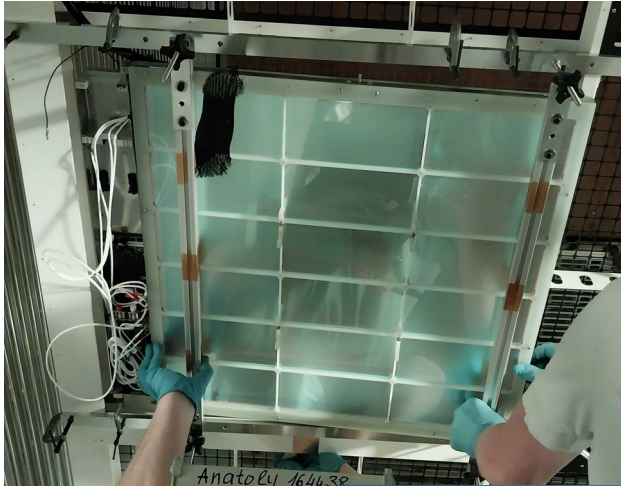
- Improvement on procedure
 - Platform to support to allow safe movement (3D)
 - Tools for dettaching clips on top
 - Endoscope cameras for top view



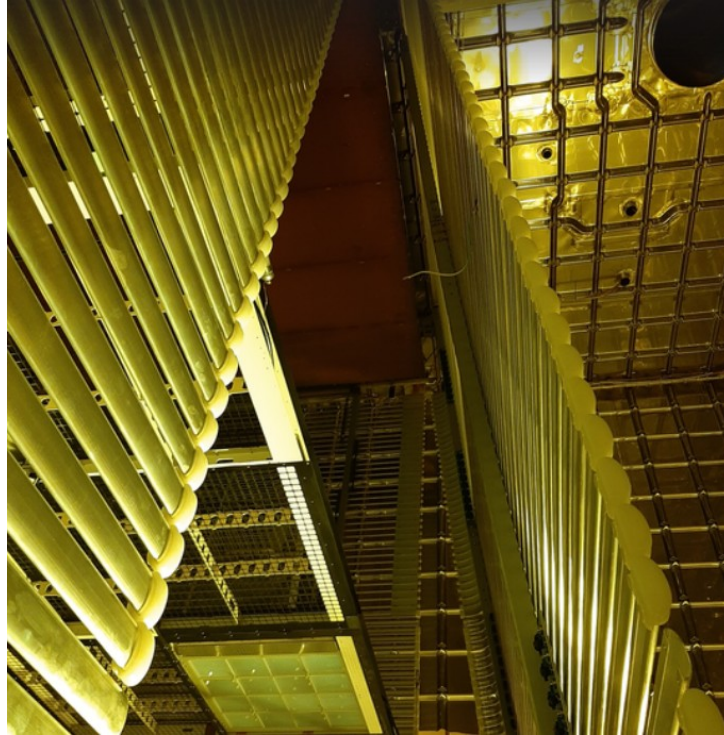
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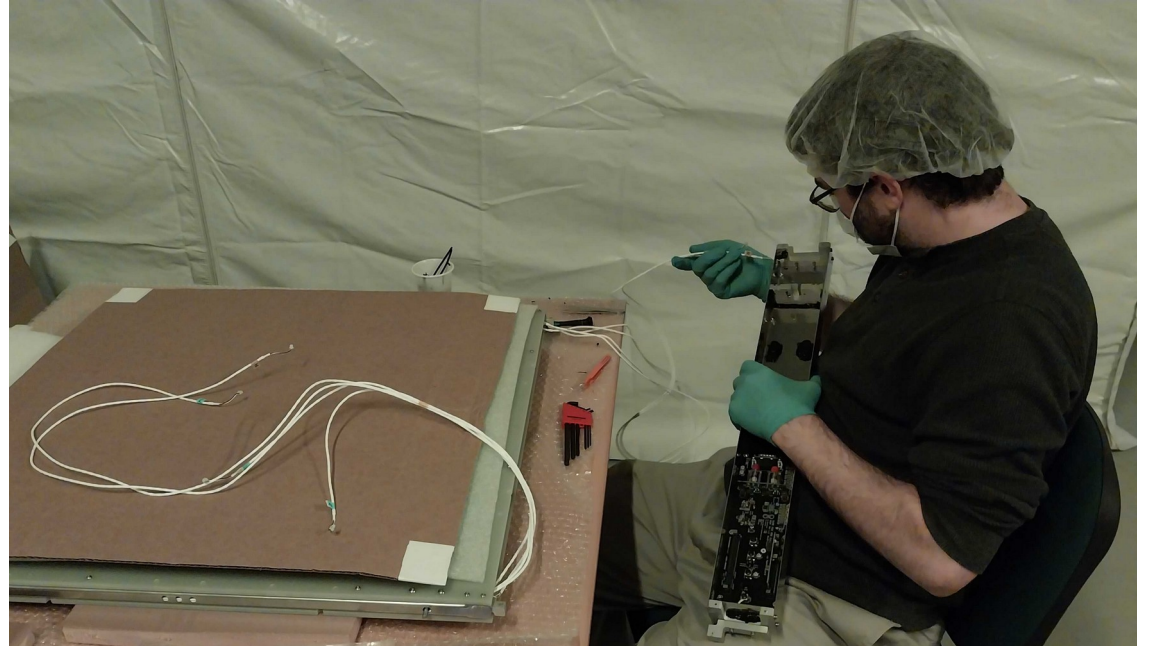
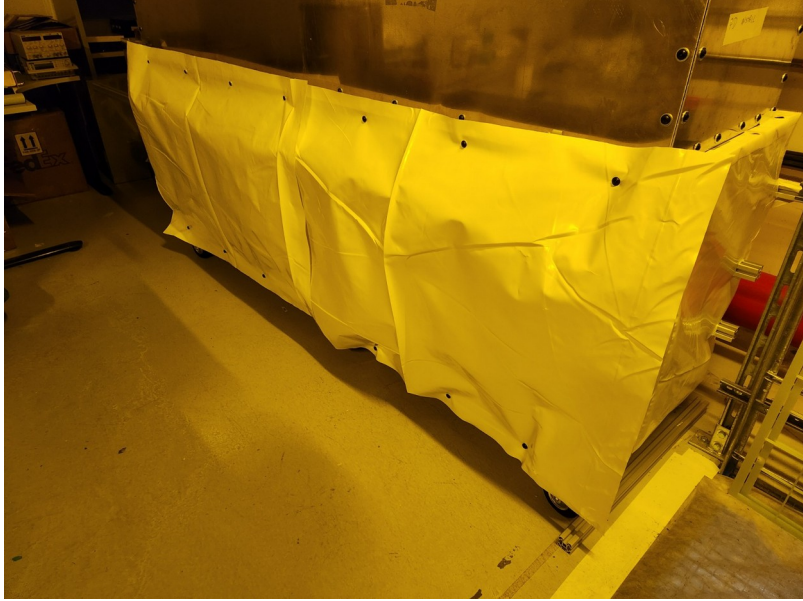
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Next tasks

- Removal of the old electronics and electronics boxes from the 8 modules
- Clean and prep of the cathode fibers in the cryostat
- Work on modules refurbishment
- Full modules on cold test stand
- Modules installation and test back on M0 cathode