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EPICS modules toolkit for RF test stands

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CEA Irfu Saclay is contributing in many facilities (ESS, IFMIF, SARAF...) through several collaborations and, especially in the last few years, in different RF conditioning test stands. Between 2015 and 2020, 10 RF test stands will have been installed. Due to different hardware choices made by the projects, we do not necessarily use the same hardware. However the scientific need is very similar, this is the reason why we have developed several EPICS generic modules dedicated to RF tests, from analysing and calibration of the pulse to conditioning sequence automation. I will present the modules implemented and how we use them in the different projects.

Author: Mr GAGET, Alexis (CEA)

Presenter: Mr GAGET, Alexis (CEA)

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