IT-$\mu$DTC firmware development

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Supported by OTKA K124850
IT-μDTC Firmware Development Update

AMC13

- Done so far
  - porting AMC13 and TTC decoder blocks from d19c to local IT-firmware
  - updating the register addresses in pyDTC
  - setup using the OT crate in 0186-1-B04 lab with an FC7 and AMC13
    (AMC13 borrowed from pixel telescope setup)
  - installed Ph2_ACF and AMC13 tools on cmsuptracker008 etc,
  - tested IT-firmware on DTC, can talk to AMC13

- Working on
  - debugging FC7 and AMC13 hardware functionality with iBus registers
  - sending trigger to FC7 from AMC13 and reading the counters from TTC decoder in FC7
  - reading AMC13 registers to see if FC7 listens from the crate’s AMC slot
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