

Minutes of RESULTS, PITZ Physics Seminar, 2017-08-03

Project: PITZ

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1) Agenda

1. Anushavan Azatyan: Portable photo/video capture device
2. H. Qian: PITZ RC
3. AOB

2) Results:

- a) A portable and cheap photo/video capture device was prepared. The device consists of a RaspberryPi card, a web camera and a battery (powerbank). It uses software based on the openCV library for image capturing. The image/video data can be accessed from a client PC via a command-line program of a Matlab function. A possible use of the device is for example to have readout from certain devices which are not connected to the DAQ. Probably it is possible to implement support for other types of cameras (to be investigated together with S. Weisse). Video capture is not implemented yet; the framerate for single image capture is 1-2 fps. Documentation will be provided. Radiation hardness of RaspberryPi computers is not studied yet.
- b) RC: see the RC slides
- c) AOB:
 - Every shift **must** put the SSB officer name in the paper logbook

What is to be done?	By whom?	Until when?	Done on

Protocol prepared by
O. Lishilin