Session Program

8-10 Feb 2021
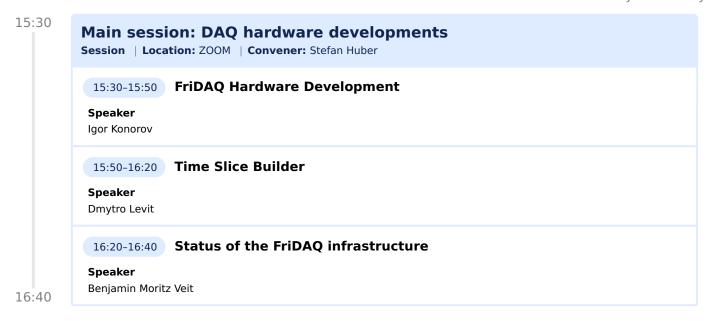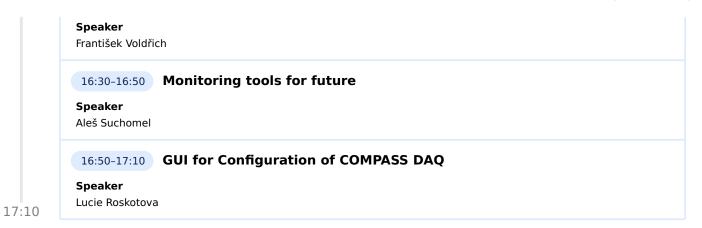

DAQFEET-2021

Main session

ZOOM

Monday 8 February

09:30

Main session: Introduction and motivational talks
Session | **Location:** ZOOM | **Convener:** Michael Pesek

09:30–09:40 **Welcome talk from AMBER representative**

Speaker
Josef Novy

09:40–09:50 **Welcome Address by AMBER**

Speaker
Jan Friedrich

09:50–10:10

Evolution of COMPASS++/AMBER Spectrometer towards RF Separated Beam

Speaker
Dr Oleg Denisov

10:10–10:30 **DAQ Project**

Speaker
Igor Konorov

10:30

11:00

Main session: Invited talks
Session | **Location:** ZOOM | **Convener:** Jan Matousek

11:00–11:30 **Sensor development for the ALICE ITS upgrade in LS3**

Speaker
Magnus Mager

11:30–12:00 **VMM3 - Progress in the development**

Speaker
Michael Lupberger

12:00–12:30 **ARCADIA: Fully Depleted CMOS MAPS technology**

Speaker
Manuel Dionisio Da Rocha Rolo

12:30

14:00

Main session: Front-end electronics developments
Session | **Location:** ZOOM | **Convener:** Igor Konorov

14:00–14:20 **TPC readout**

Speaker
Alexander Inglessi

14:20–14:40 **SciFi for PRM Detector**

Speaker
Martin Jan Losekamm

15:00

15:30

Main session: DAQ hardware developments
Session | **Location:** ZOOM | **Convener:** Stefan Huber

| 15:30–15:50 | **FriDAQ Hardware Development** |

Speaker
Igor Konorov

| 15:50–16:20 | **Time Slice Builder** |

Speaker
Dmytro Levit

| 16:20–16:40 | **Status of the FriDAQ infrastructure** |

Speaker
Benjamin Moritz Veit

16:40

Tuesday 9 February

09:00

Main session: Invited talks
Session | **Location:** ZOOM | **Convener:** Josef Novy

09:00–09:30 **Modern trends in programming for GPUs**

Speaker
Tomáš Oberhuber

09:30–09:50 **Use of the GPUs in radio astronomy**

Speaker
Karel Adámek

09:50–10:10 **FZU Computing Center**

Speaker
Jiří Chudoba

10:10–10:40 **32 Tb/s DAQ for the LHCb experiment at CERN**

Speaker
Rafal Dominik Krawczyk

10:40

13:50

Main session: Pilot Run Preparation
Session | **Location:** ZOOM | **Convener:** Martin Zemko

13:50–14:10 **Objectives of PRM Pilot Run**

Speaker
Christian Dreisbach

14:10–14:30 **FriDAQ Tests**

Speaker
Igor Konorov

14:30–14:50 **PRM SciFi Detector Status**

Speaker
Martin Jan Losekamm

14:50–15:10 **TPC for Pilot Run Staus**

Speaker
Alexander Inglessi

15:10–15:30 **ALPIDE in Pilot Run**

Speaker
Maxim Alexeev

15:30

16:10

Main session: Software development in Prague
Session | **Location:** ZOOM | **Convener:** Antonin Kveton

16:10–16:30 **Neural network analysis of CEDAR data**

Speaker
František Voldřich

16:30–16:50 **Monitoring tools for future**

Speaker
Aleš Suchomel

16:50–17:10 **GUI for Configuration of COMPASS DAQ**

Speaker
Lucie Roskotova

17:10

16:30–16:50 **Monitoring tools for future**

Speaker
Aleš Suchomel

16:50–17:10 **GUI for Configuration of COMPASS DAQ**

Speaker

Wednesday 10 February

10:10

Main session: DAQ software delopment
Session | **Location:** ZOOM | **Convener:** Vincent Andrieux

10:10–10:30 **Introduction to the FriDAQ Protocol**

Speaker
Benjamin Moritz Veit

10:30–10:50 **FriDAQ HLT Framework**

Speaker
Martin Zemko

10:50–11:10 **FriDAQ data generator framework**

Speaker
Martin Zemko

11:10–11:30 **Discussion about the FriDAQ Software Framework**

Speaker
Benjamin Moritz Veit

11:30