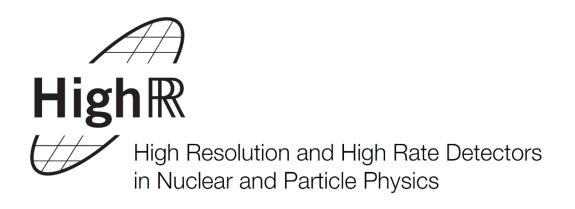




WORKSHOP ON DETECTOR TECHNOLOGY AND DEVELOPMENT HEIDELBERG UNIVERSITY, 12-14 SEPTEMBER 2022

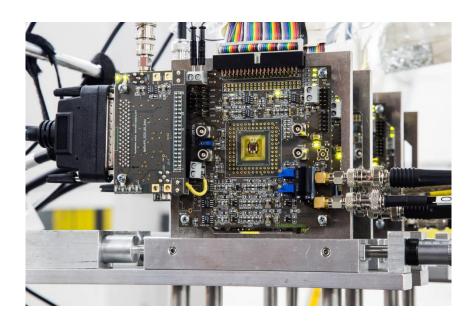


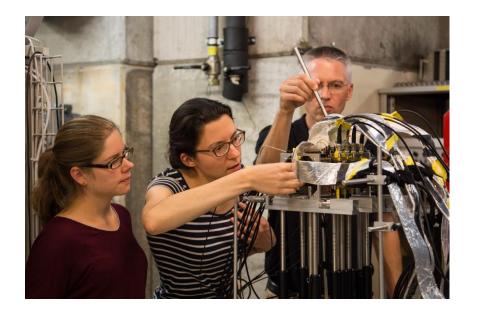
Research and education in pure detector science

instrumentation for experiments in nuclear, particle and high energy physics

training detector scientists by the interaction with experts in different detector technologies

HighRR doctoral researchers work at the cutting edge technologies to make essential contributions in experiments to test fundamental questions in physics





WORKSHOP ON DETECTOR TECHNOLOGY AND DEVELOPMENT

Focus on hot topics in detector development and new instrumentation

Excellent female scientists expert in hardware development as invited speakers

Forster discussions between different generation of detector scientists on the beauty and difficulties of a field which is always developing very fast





M. GALLOWAY (XENON) I. GREGOR (ATLAS)

S. MERTENS (TRISTAN)

K. SCHAEFFNER (CRESST)

K. SCHOLBERG (COHERENT)

C. WUNDERER (PERCIVAL)

X. HAN (LHCb)

A. PAPA (PSI)

M. SISTI (CUORE) K. VALERIUS (KATRIN)



VISTAS ON DETECTOR PHYSICS



ORGANISING COMMITTEE

L. GAMER | L. GASTALDO S. HANSMANN-MENZEMER A. PIUCCI | A. SCHOENING H.-C. SCHULTZ-COULON J. STACHEL | Z. YUAN

WORKSHOP ESPECIALLY ADDRESSED TO MASTER AND PHD STUDENTS

REGISTRATION

https://www.physik.uni-heidelberg.de/highrr/vistas

VISTAS 2017

Direct DM searches

Experiment to test LNV and LFV

Experiments on neutrino properties

Sterile neutrino searches

Detectors for LHC experiments

Axion and ALP searches







WORKSHOP ON DETECTOR TECHNOLOGY AND DEVELOPMENT UNIVERSITÄT HEIDELBERG, 30 SEPTEMBER – 1 OCTOBER 2019



- C. BRAGGIO (QUAX)
- L. CANONICA (CRESST)
- C. CLAESSENS (PROJECT 8)
- G. FIORILLO (DARKSIDE)
- J. HAKENMÜLLER (CONUS)
- F. JANUSCHEK (ALPS)
- F. MANTEGAZZINI (ECHo) A. PARSONS (NASA)
- Y. PACHMAYER (ALICE)
- T. POLLMANN (DEAP 3600)
- P. RIEDLER (ALICE)
- C. RODENBECK (KATRIN)
- P. SANCHEZ LUCAS (XENON/DARWIN)
- G. WANNER (LISA)
- C. WUNDERER (DESY)
- A. ZSIGMOND (GERDA)

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REGISTRATION

https://indico.cern.ch/e/vistas2019

VISTAS 2019

Experiments for BSM searches

Axion and ALP searches

Experiments on neutrino mass determination

Detectors for LHC experiments

Detectors for astronomy and astrophysics

Direct DM searches







WORKSHOP ON DETECTOR TECHNOLOGY AND DEVELOPMENT HEIDELBERG UNIVERSITY, 12-14 SEPTEMBER 2022



INVITED SPEAKERS

- E. Baracchini (Directional DM searches)
- L. Baudis (LXe DM searches)
- S. Beolé (ITS ALICE)
- D. vom Bruch (LHCb)
- S. Franchino (ATLAS)
- L. Gamer (Molecule mass spectroscopy)
- B. von Krosigk (Light DM searches)
- L. Qin (Beam monitor)
- S. Scheithauer (JWST)
- A. Sfyrla (FASER)
- A. Vauth (LGADs)

ORGANISING COMMITTEE

- L. Gastaldo
- A. Schöning
- H.-C. Schultz-Coulon
- J. Stachel

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REGISTRATION https://indico.cern.ch/e/Vistas2022



VISTAS 2022

Direct DM searches

Detectors for LHC experiments

Detectors for astronomy and astrophysics

Beam monitoring for ion therapy

Experiments for BSM searches

Open discussion on Gender Equality

Photo





VISTAS 2022

Direct DM searches

Detectors for LHC experiments

Detectors for astronomy and astrophysics

Beam monitoring for ion therapy

Experiments for BSM searches

Open discussion on Gender Equality

Welcome party tonight





VISTAS ON DETECTOR PHYSICS WORKSHOP ON DETECTOR TECHNOLOGY AND DEVELOPMENT

HEIDELBERG UNIVERSITY, 12-14 SEPTEMBER 2022



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VISTAS 2022

Direct DM searches

Detectors for LHC experiments

Detectors for astronomy and astrophysics

Beam monitoring for ion therapy

Experiments for BSM searches

Open discussion on Gender Equality

Enjoy the workshop!

VISTAS ON DETECTOR PHYSICS

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