

## Closing remarks

Marcin Kuźniak



# Acknowledgements

Sponsorship:



Patronage:



# First impressions

- 68 contributions, ~80 participants
- The decision to increase the frequency to annual was the right one
- Lots of progress in the field with:
  - many open challenges still being discussed,
  - but some long standing ones now resolved (SiPM PE bursts),
  - and interesting clues for the LY loss puzzle (Ar purity with ICPMS)
- New technologies evolve and gain maturity (SiPMs, THGEMs, VUV sensitive sensors, ...)

# Best poster award

- Please, upload your posters to indico!
- The winning poster:

## Xenoscope - a full scale vertical demonstrator for the DARWIN observatory



 22 Sep 2022, 15:30

 1h

 316A (University of Warsaw Library)

Either Presentation or ...

 Detector techniques...

Poster session

### Speaker

 Paloma Cimental (University of Zurich)

### Description

The DARWIN observatory is a proposed next generation experiment for dark matter detection and neutrino physics. DARWIN will feature a 50 tonne liquid xenon (LXe) target enclosed in a dual phase time projection chamber. The realisation of this multi-ton scale detector requires to address a series of technological challenges, to this end, a full scale vertical demonstrator, Xenoscope, was built at the University of Zurich. The Xenoscope facility will be used to demonstrate the drift of electrons in LXe over to 2.6 m distance, as well as to study electron cloud diffusion studies and measurement of the LXe optical properties. We present an overview of the Xenoscope facility, the current status and the future measurement campaigns.

# Proceedings

- Peer-reviewed proceedings, in JINST (as usually), deadline Nov 15.
- Editor: Andrzej Szalc

Overview
Scientific Programme
Call for Abstracts
Timetable
Contribution List
Book of Abstracts
Registration
Participant List
Surveys
Travel Grant
Logistics
└ Venue Information
└ Travel
└ Accommodation
└ Visa
└ Sightseeing
COVID-19
<b>Proceedings</b>
Past Conferences
Sponsorship & Exhibition
<b>Organizer</b>

## Proceedings

The proceedings for "LIDINE2022 - Light Detection In Noble Elements" will be published in the Proceedings Section of JINST, Journal of Instrumentation.

The deadline to submit your LIDINE2022 contribution is **November 15, 2022**. Submissions will open on Monday, September 26th.

To prepare your contribution for submission, please use the JINST Proceedings templates at [http://jinst.sissa.it/jinst/help/JINST\\_TeXclass.jsp](http://jinst.sissa.it/jinst/help/JINST_TeXclass.jsp)

Please note that the number of pages **should not exceed 5 pages, excluding author list, abstract and references**.

As per the tradition of LIDINE proceedings, the submissions will be peer reviewed by experts in the field.

Therefore, when writing your contribution, in addition to the scientific quality and relevance of the subject matter, please make sure to also check the quality of formatting, language and style (i.e. incoherent use of unit of measure; different conventions used in the same paper such as abbreviations "\3 s", "\3 sec", "\3 seconds" and position: "\3C", "\3 C"; poorly organized tables; etc.)

When your contribution is ready for submission, please follow the instructions below:

1. Connect to <http://jinst.sissa.it> and register;
2. in the "Submit" section of the page select the link "submit a proceedings contribution";
3. select the **LIDINE2022** conference from the list;
4. follow the step-by-step procedure for submission, referring to the instructions available in the section "For Authors" at the top of the JINST home page (<http://jinst.sissa.it/jinst/help/helpLoader.jsp?pgType=author>).



# International Scientific Committee

- Janet Conrad (MIT)
- Qing Lin (Univ. of Science and Technology of China)
- Maria Elena Monzani (SLAC)
- Kaixuan Ni (UCSD)
- Roberto Santorelli (CIEMAT)
- Marco Selvi (INFN Bologna)
- Andrzej Szelc (Univ. of Edinburgh)
- Denver Whittington (Syracuse Univ.)
- Tina Pollmann (Nikhef/Univ. of Amsterdam)
- Marcin Kuźniak (AstroCeNT/NCAC)

# Big thanks to

- Tina Pollmann, Grzegorz Zuzel, Ana Machado for excellent overview talks!
- Vicente Pesudo/David Gallacher, Andrii Terliuk/Ricardo Peres and all participants for round table discussions
- Session chairs:
  - Masayuki Wada
  - Kaixuan Ni
  - Shingo Kazama
  - Andrzej Szelc
  - Roberto Santorelli
  - Vitaly Chepel
  - Nicola Canci
  - Amos Breskin
  - Grzegorz Zuzel
  - Masato Kimura
  - Ana Machado
  - Tina Pollmann
- Mic-runners:
  - Iftikhar Ahmad
  - Sarthak Choudhary
  - Theo Hugues
  - Paules Zakhary
- Slide-changers:
  - Marek Walczak
  - Rafał Wojaczyński
- Conference photo and video:
  - Marek Gruszczyński

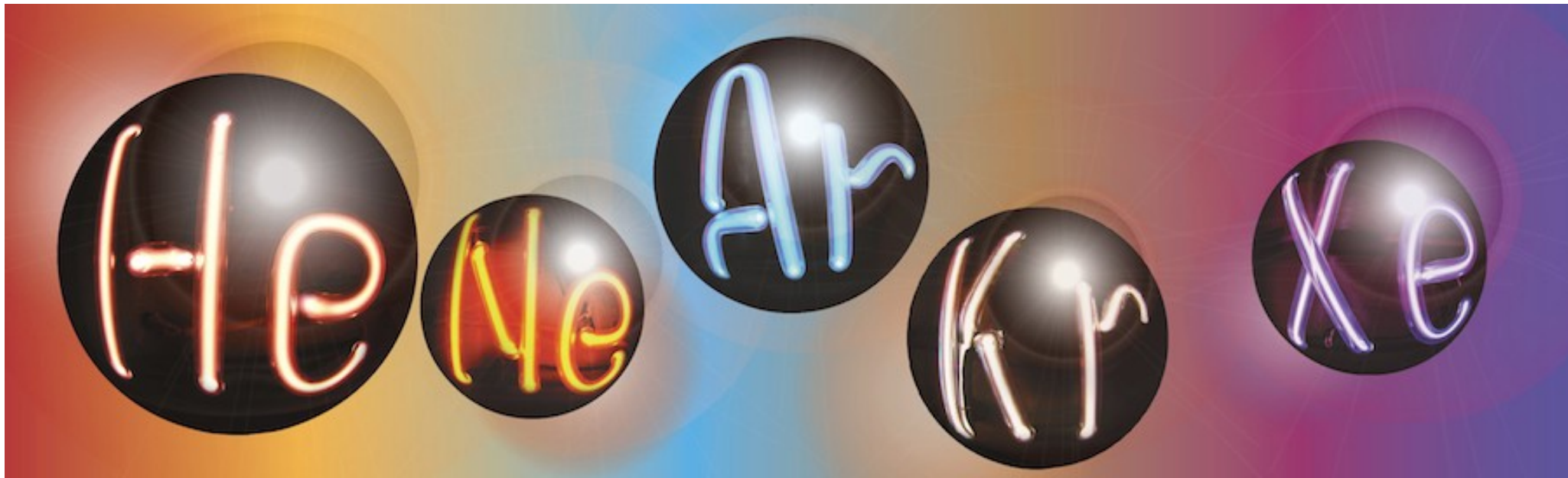
# A round of applause for...

- NCAC PAS
  - Director: Prof. Rafał Moderski
  - Accounting: Marzena Ciszewska, Beata Bereza
- Astrocent management:
  - Head: Prof. Leszek Roszkowski
  - Director for scientific affairs: dr Marta Borowiec
- Local organizers:
  - Yuliya Hoika
  - Mikołaj Janowski
  - Piotr Berta
  - Michał Kolasiński
  - Masayuki Wada
  - Grzegorz Nieradka
  - Maciej Kuźwa



# Next LIDINE

- Thank you all for coming to Warsaw
- Hope it was inspiring (and fun, too)
- The next LIDINE will be hosted by Roberto Santorelli at CIEMAT
- See you in Madrid in 2023!



Thank you!

