



INPUT TO CERN OPEN SCIENCE STRATGY

Chris Parkinson, for non-LHC experiments

- Asked 13 experiments (spokespersons) for their views on open science
 - *Experiments at SPS, AD, and others*
 - *Several hundred people represented*

- Lots of groups with different research interests, goals, sizes
 - *Small and medium sized experiments (3 - 30 institutes)*

- Overall context of experiments can be quite different:
 - *Some are more “LHC like” collaborations*
 - *Some experiments are competitors using the same facility*
 - *Some have external users coming to use CERN equipment*

■ NA62

- *Has documented open access policy: NA62-PUB-2015-01*
- *“The NA62 Collaboration fully supports the principle of open access publication of future results and is also committed to long term data preservation for later re-use both by itself and by a wider community”*
- *All publications are open access (SCOAP3, or using CERN funding) . Data from plots, tables etc uploaded to HEPDATA*
- *Also have used Zenodo:*
 - *NA48/2 program and data for calculation of charged kaon semileptonic form factors” <https://zenodo.org/record/3560600#.YUd5zmYzY-R>*
 - *Good feedback : “it was easy”*
 - *Considered Open Data (not appropriate for single-publication data) and Mendeley (for-profit company), steered to Zenodo by CERN open data team*
- *Committed to educational programs (summer schools, open days, national programs), but no capacity to develop own programs*
- *Open data portal: happy to use for educational purposes (physics masterclass), only after NA62 has fully analysed the data.*
- *Other reconstructed data: Unable to guarantee additional assistance, documentation, review of publications, no responsibility for the results*

- COMPASS: publishes Open Access & uses HEPDATA. Few entries in Zenodo
- NA64: “Science should be accessible to the public as much as possible, and see that we are entering a regime where most data will be open access” (paraphrased). “Whenever possible we publish in open access journals, but some high impact journals are not open access. We always put the pre-print on arXiv.” Most recent papers are open access.
- NA61/SHINE: several entries in Zenodo and HEPDATA. All papers in EPJ and PRD open access
- OTHERS:
 - *“We have published results in Open Access journals, and understand the need for open access to data”. (paraphrased)*
 - *“We publish open access where possible”*
- Some comments:
 - *Lack of clarity around Open Science ?*
 - *“what does open science mean exactly” (beyond publishing results)*
 - *Experiments with data on **Zenodo** did not mention this as **open science***
 - *Overlap between **open science** and **outreach***