

Important Addendum

Feb. 22, 2020

The KOTO Collaboration

- At the KAON2019 Conference:
 - We did not claim the observed events as signals
 - We did not give any numbers on the branching ratio or physics results
 - We simply described what we had found and what we knew

Why?

- In blind analysis, the standard way is to give a result regardless of the contents inside the signal box.
- However, the number of events in the signal box was beyond our reasonable expectation.
- To be scientifically correct, we decided to do further checks on the events, detector status, and background estimations before announcing a result.
- To be honest to the scientific community, we should not hide the fact that we had opened the signal box.
- To be scientifically correct and to be honest, at the KAON2019 Conference, we showed the events and explained exactly what had happened.