

# 2022-11 - Plenary: LFN CTO Vision - The Metaverse and beyond

## Topic Leader(s)

- [Ranny Haiby](#)

## Topic Description

60m, [Ranny Haiby](#)

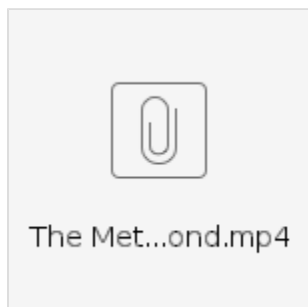
Revisiting the vision from the Porto D&TF and looking forward to what the Metaverse and other trends will mean for our communities

## Topic Overview

Revisiting the vision from the Porto D&TF and looking forward to what the Metaverse and other trends will mean for our communities

## Slides & Recording

[LFN\\_DTF\\_NOV\\_22\\_Metaverse.pptx](#)



## Minutes

Slides from Porto were recapped

### Metaverse

- No real consensus on what the definition of the metaverse is beyond a mash-up of the virtual and physical world. Certainly more than just virtual 3d.
- LFN communities are the plumbers of the metaverse
- much more stringent round trip latency which pushes against the laws of physics with regards to distances.
- the need for resilient synchronization are relatively high.

What does all of this mean to our projects?

- [Beth Cohen](#) carriers probably won't just be the providers of dumb pipes.
- [Muddasar Ahmed](#) likely to be many folks that monetize different aspects efficiently -
- [Robert Varga](#) CDNs have been around for a long time, as is the problem of an application performing resource selection based on network-based "closeness". An example is Application-Level Traffic Optimization and the RFCs produced at IETF (<https://datatracker.ietf.org/wg/alto/documents/>). Attempts with APIs have not gotten as much traction. The API piece may need to be revisited
  - [Ranny Haiby](#) CAMARA project may be a path for this
- The ability to decouple some of this will be covered in a FD.io session tomorrow