

LDRD Q2

LD2412

Gravitational Form Factor

Alexandre Camsonne

April 4th 2024

Q2 meeting

Progress report

- Installation of PARTONS software at Jlab complete
- Pytorch C++ package installed locally
- Data format finalized and implementation of interface on going
- LQCD : calculation on going – Preliminary results encouraging – Elastic Form Factor fully extracted can go to GFF as next step
- Postdoc hired : Melany Higuera starting in April and started working remotely since March
- Graduate student identified and started to work : Christopher Chamness
- Farm upgraded to Alma Linux 9
- Started paper could possibly publish in year 1

- Presentation at positron worksop in March 2024
- ECT Trento Workshop August 2024

Team :

Volker Burkert

Pierre Chatagnon

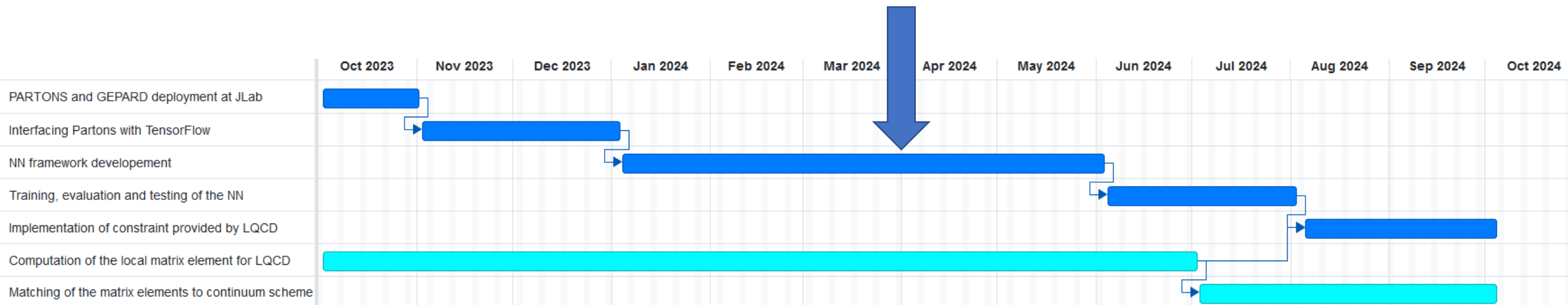
David Richards

Herve Dutrieux (WM)

Melany Isela Higuera

Christopher Chamness (WM)

Kishan Rajput



Financial report

