PLAS
Platformed Workflows

lightning talk

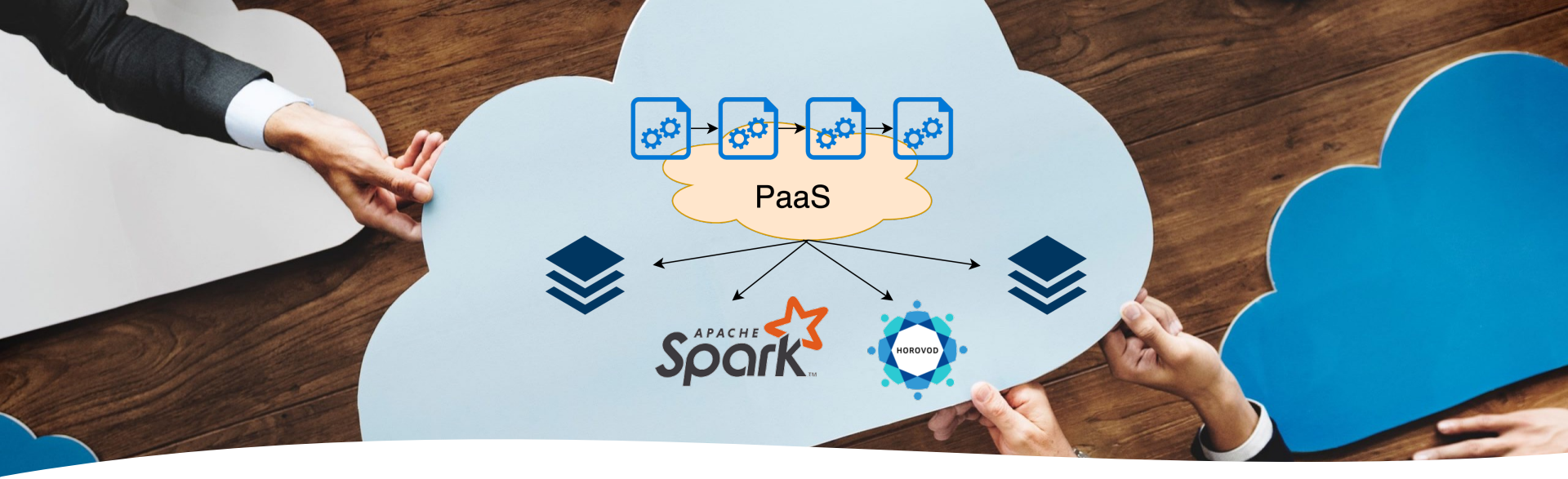
Andrea Detti: andrea.detti@uniroma2.it
Luca Petrucci: luca.petrucci@uniroma2.it
Ludovico Funari: ludovico.funari@uniroma2.it



Project supported by GÉANT Innovation Programme (July – December 2021)

GÉANT Cloud Flow

- GÉANT Cloud Flow (GCF) provides researchers with the ability to run workflows composed of analysis tasks exploiting GÉANT cloud facilities (e.g. based on Kubernetes)
- A task is command line tool run in a Linux Container
- *Containerized-tasks*



GÉANT Cloud Flow **PLAS**

- With PLAS extension, GÉANT Cloud Flow provides researchers with **platform-as-service** to run tasks
- A task can use a *sidecar* platform like Spark or Horovod to make calculus
- *Platformed-tasks*

https://github.com/PlatformedTasks

Presentaion outline

- GÉANT Cloud Flow: Architecture and Services
- PLAS extension: Architecture, Services and Demo

Networks, Clouds
Breakout room 4 @ 15:00