

# WP3 – Scientific use cases



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# Introduction

The main purpose of WP3 is **enhance the opportunities** of **cross-fertilization** among different communities (*experiments, units*), by sharing good-practices, technical solutions and code among experts.

- ❑ Organizing **seminars** discussing real-scale applications of machine-learning technologies
- ❑ Exploring dedicated platforms and software tools to enhance **community-building** and “**user self-support**”

# Deliverables

- ❑ Organization of periodic seminars on applications of machine learning techniques to the research activities of relevance for INFN
- ❑ Identified platform/tool for community-building and user support (06/24)
- ❑ Operational platform/tool for community-building and user-support (12/24)
- ❑ Report on the use-cases benefitting from the platforms and the resources of AI\_INFN (12/26).

# Possible Platforms

## Microsoft Teams:



- Already in use for DataCloud as the **standard tool for organizing material**, meetings, discussions...
- It's a bit a “**closed system**”, it seems difficult to integrate with other tools (e.g. via bots)

## Mattermost:



- In use at CERN, but **not supported by INFN**
- Designed to easily integrate with GitLab and other development platforms (needed?)

## Rocket-chat: ([#AI\\_INFN](#) channel created for test)



- **Supported by INFN “Servizi Nazionali”**, but not widely adopted
- Has some integrations, and it is trivial to create bots

## Anything else?

# Conclusion

WP3 is designed as an empty container with milestones focussing on enabling discussions and communication among different communities.

Let's start by discussing what we need to communicate effectively!