

## HTCondor Workshop Autumn 2024 in Amsterdam



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# Integrating an IDE with HTCondor

*Thursday 26 September 2024 10:10 (20 minutes)*

Graphical code editors such as Visual Studio Code (VS Code) have gained a lot of momentum in the last years among young researchers. To ease their workflows, we have developed a VS Code entry point to harness the resources of an HTC cluster within their IDE.

This entry point allows users to have a “desktop-like” experience within VS Code when editing and testing their code while working in batch job environments. Furthermore, VS Code extensions such as Jupyter notebooks and Julia packages can directly leverage cluster resources.

In this talk we will explain the use case of this entry point, how we implemented it and show some of the struggles we encountered along the way. The developed solution can also scale out to federated HTCondor pools.

### Desired slot length

15

### Speaker release

Yes

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**Session Classification:** Workshop Session

**Track Classification:** HTCondor user presentations