

PRESS RELEASE

AGIMUS: “A Valuable Step in Advancing Collaborative Robotics and Software Development”

As part of the AGIMUS project, our partner, the [Czech Institute of Informatics, Robotics, and Cybernetics](#) (CIIRC-CTU), hosted a **Coding Week**, bringing together research partners for intensive collaboration.



Figure 1. CIIRC-CTU Coding Week marks a significant milestone for the AGIMUS Project

Advancing Reproducibility and Algorithm Robustness

Throughout the week, AGIMUS researchers worked closely to replicate an **object pick-and-place task using camera-based perception**. This effort successfully demonstrated the reproducibility of results across different experimental conditions, further validating the robustness of AGIMUS algorithms.

Enhancing Software Architecture and Transitioning to ROS2

Beyond hands-on experiments, the Coding Week facilitated key refinements to AGIMUS' software architecture, with critical experimental work supporting the transition to ROS2—a set of software libraries and tools that enable seamless communication between different processes in robotic applications. Moving to **ROS2 will improve AGIMUS system interoperability, simplify the integration of new robots and software components, and streamline future scientific experiments and industrial demonstrations**. This collaborative effort underscored the critical role of teamwork and shared expertise in advancing agile, adaptable, and resilient robotic systems.

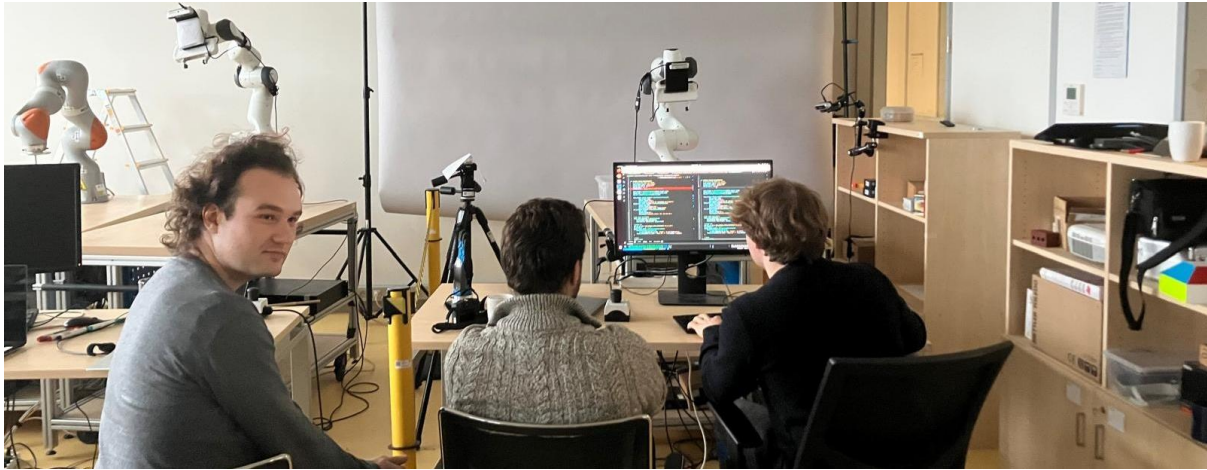


Figure 2. Collaboration and Innovation during the CIIRC-CTU Coding Week

You may find more information about the project and keep up to date with its progress and developments, by visiting the **AGIMUS website** (www.agimus-project.eu), where you may also subscribe to the **AGIMUS newsletter**. Additionally, you can follow AGIMUS' social media accounts on [LinkedIn](#), [Twitter](#), [Facebook](#), and [YouTube](#).