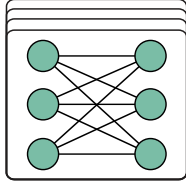




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TEMPO

Technologies and hardware for neuromorphic computing

Deliverable

D6.10 – Demo Benchmarking

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1 Publishable summary

For the TEMPO project, benchmarking has been done on applications, chosen for the TEMPO project, which are running on reference hardware platforms, which are commercial platforms used for AI applications and act as a baseline to benchmark the demonstrators created in the TEMPO project. The TEMPO demonstrators incorporate the TEMPO solutions/results created in WP2 to WP5. The benchmarking results are obtained by comparing the TEMPO demonstrator performance with the performance of the reference designs and to the state-of-the-art. The applications in scope of this deliverable are the following:

- X-ray image denoising
- Real-time nutrition assessment
- Human movement data analysis
- Gesture recognition
- Keyword spotting
- Lidar classification
- Radar estimation
- Object detection
- Sound event localization, detection, and tracking