

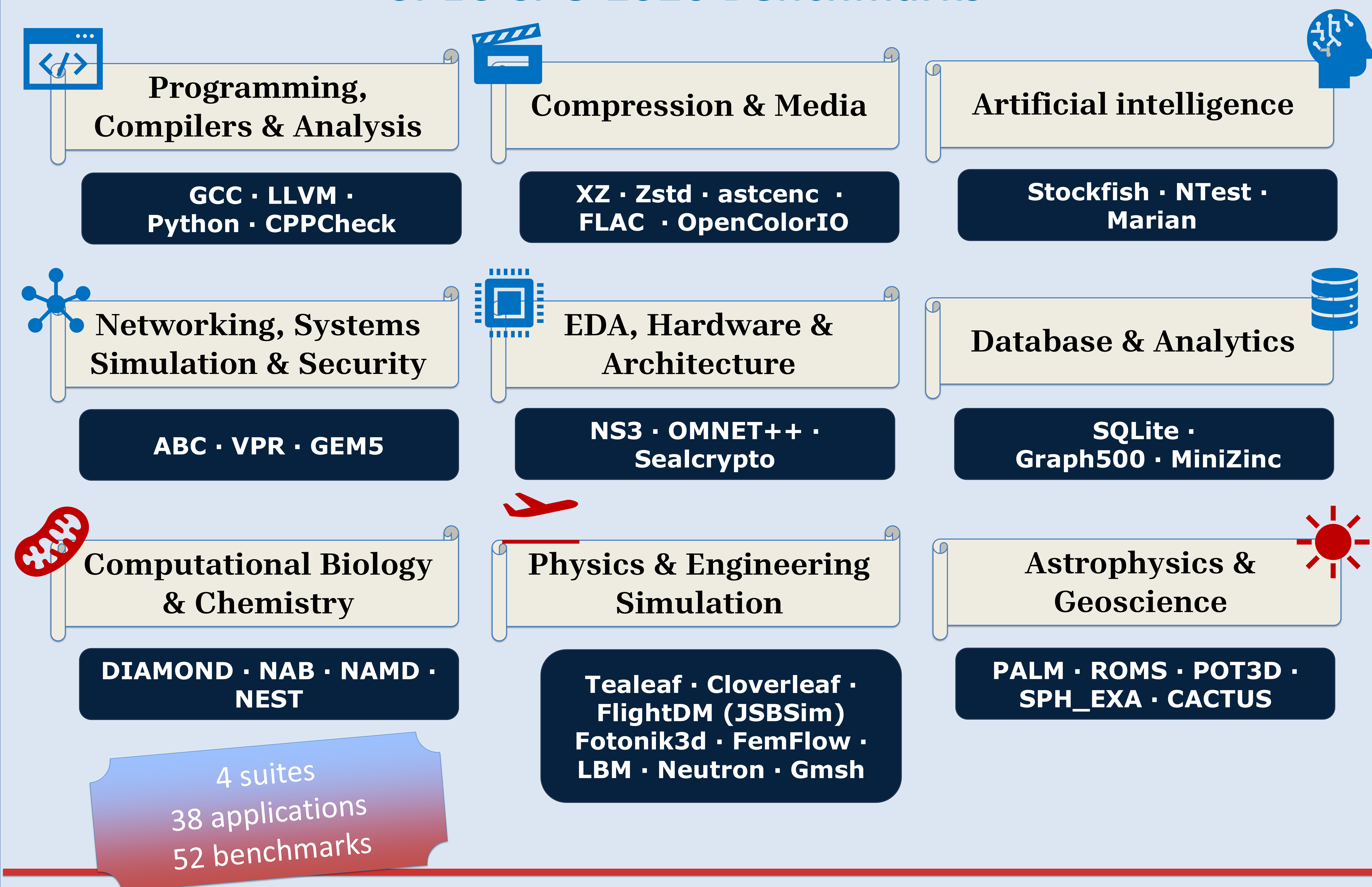
Just released!

5/5/26

SPEC CPU 2026 Overview

- ❖ **General-purpose CPU, memory hierarchy and compiler performance** along with **energy** measurements
 - Portable, reproducible, comparable, validated and representative – drawn from real applications
 - 4 benchmark suites: integer rate, floating-point rate, integer speed, floating-point speed
- ❖ **52 benchmarks** in several domains, **38 applications**, written mostly in C++, then C and Fortran, many usecases, various software and hardware profiles
- ❖ What's new compared to SPEC CPU 2017 suites ? **new applications and domains**, more **diverse**, **bigger** with much more benchmarks and number of lines of code, **more parallelism** in SPECspeed suites using multi-threading and multi-processing, encouraging community compilers and cloud results

SPEC CPU 2026 Benchmarks



Supported Platforms

Servers, PCs, workstations, laptops, tablets, mobiles, ...

- x86, arm, Power, RISC-V
- Linux, Windows, AIX, MacOS

Download SPEC CPU 2026 benchmark suites



<https://www.spec.org/cpu2026/>

Request a *free academic license!*