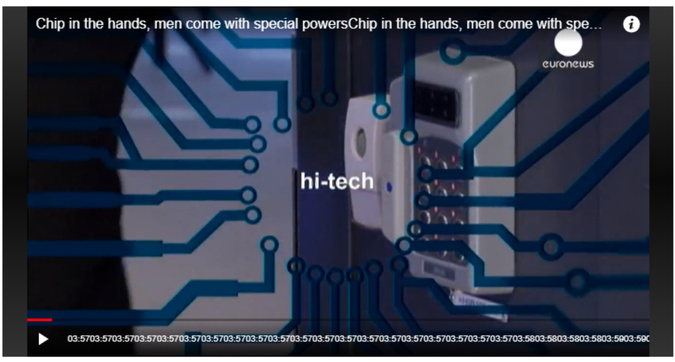
AMD, a laboratory for artificial intelligence in Singapore

AMD and the Nanyang Technological University (NTU) in Singapore will open **a joint laboratory** with the aim of **developing local skills in the field of information technology and artificial intelligence (AI)** . The total investment is 3.5 million dollars and involves the use of EPYC server CPU and Radeon Instinct MI25 accelerator cards , with the possibility of adopting the new Instinct MI60 in the future.



The structure will support the degree course linked to the two disciplines, **allowing students to experiment their ideas in the field** , creating security software, capable of identifying and detecting movement. There is also talk of Big Data analysis and the development of clinical software to facilitate medical diagnosis.

NTU students who will participate in the research projects will have to use the **Radeon Open Compute Platform (ROCm) platform** . Students will also receive training to prepare for supercomputing competitions using the open source software platform for hyperscale computing.

Icing on the cake the possibility for university students, starting from the 2019 academic year, to **work at the Shanghai Research and Development Center of AMD and the Singapore Product Development Center** . AMD specialists in artificial intelligence and machine learning will also collaborate with NTU professors to conduct training sessions and workshops for industry professionals.

"This partnership with AMD underscores NTU's commitment to nurturing solid relationships with the industry's best partners to provide students with the most relevant education to industry. This will not only give them advanced knowledge in solving real challenges, but will add an edge in today's dynamic business world, "said Louis Phee, dean of the NTU College of Engineering.

In addition to being a "two-way affair", this collaboration falls within a certain sense in Singapore's largest plan to strengthen the country's skills in artificial intelligence, with the aim of involving 12,000 professionals and students. The local government believes that AI is one of the four essential technologies to make the nation "digitally ready" and push its economy.

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