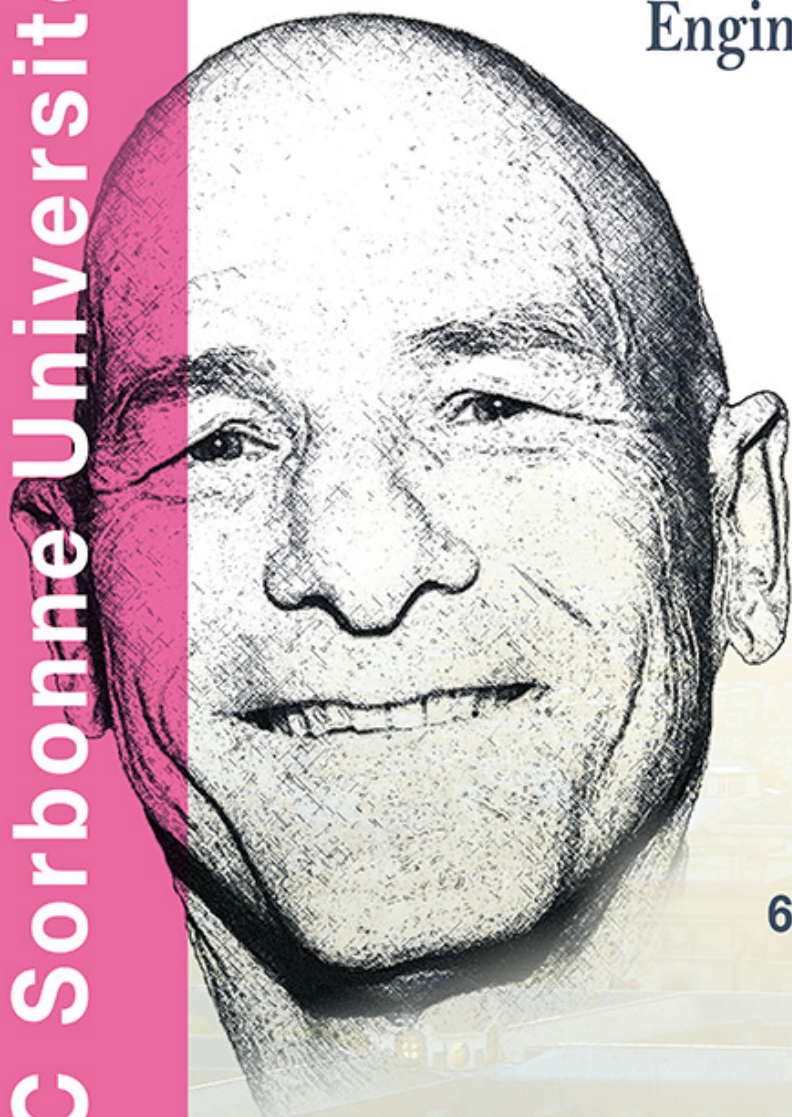


Colloquium d'Informatique de l'UPMC Sorbonne Universités

“Myths about MOOCs and Software Engineering Education”

David Patterson
and Armando Fox,
UC Berkeley



Amphi 15

4, place Jussieu
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6 Mai 2014 - 18h00

David Patterson joined UC Berkeley in 1977 after receiving all his degrees from UCLA.

His most successful projects have likely been Reduced Instruction Set Computers (RISC), Redundant Arrays of Inexpensive Disks (RAID), and Network of Workstations (NOW). All three projects helped lead to multibillion-dollar industries. This research led to many papers and six books, with the best known book being *Computer Architecture: A Quantitative Approach*, co-authored with John Hennessy, and the most recent being *Engineering Software as a Service*, co-authored with Armando Fox. His current research is centered on cancer genomics for the AMP and ASPIRE Labs.

In the past, he served as Director of the Parallel Computing Lab, Director of the Reliable And Distributed Systems Lab, Chair of Berkeley's CS Division, Chair of the Computing Research Association (CRA), and President of the Association for Computing Machinery (ACM).

This work resulted in 35 honors, some shared with friends. His research awards include election to the National Academy of Engineering, the National Academy of Sciences, and the Silicon Valley Engineering Hall of Fame along with being named Fellow of the Computer History Museum, ACM, IEEE, and both AAAS organizations. He received Distinguished Service Awards from ACM, CRA, and SIGARCH. His teaching honors include the ACM Karlstrom Outstanding Educator Award, the IEEE Mulligan Education Medal, the IEEE Undergraduate Teaching Award, and the UC Berkeley Distinguished Teaching Award.

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