Warp Speed: Future Africa

RISE, Johannesburg October 25, 2013

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INSIDE THIS WEEK: TECHNOLOGY QUARTERLY

Britain’s coming recession
France tries to stay AAA
Why India needs Walmart
President Newt? Brace yourselves
The science of ethical foie gras

Africa rising
1: This is just the beginning
2: Acceleration
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4: Big Data

Big Data: This is just the beginning

- Volume in Exabytes
- Percentage of uncertain data

- You are here

Sensors & Devices
Social Media
VoIP
Enterprise Data

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Nine EPFL MOOCs are starting this fall

19.09.13 - EPFL is launching nine MOOCs this fall. Four of them have started this week.

Four new EPFL MOOCs have been launched on the coursera platform this week. The courses are two introductory programming courses, in Java and in C++, the first year course on mechanics as well as a course on the art of structures. All four courses are taught in French and have drawn more than 26000 registrations. The courses are followed by students from all over the world. On the campus, the professors are combining the online offering of the MOOC with their teaching in class and interactive exercise sessions as well as tutoring.

Among the highlights of the MOOCs, students from the programming classes can submit code which will be compiled and tested automatically, students from the mechanics class have access to commented physics experiments and guest lecturers and students form the art of structures class can access interactive exercises to understand the behavior of cables and arches.

In addition, our already popular courses Signal Processing, Functional Programming Principles in SCALA and Digital Signal Processing are running a new session. This second issue of the courses is already totalling more than 35'000 registrations. Later this fall, we’ll have three additional new courses about Microcontrollers and Hardware Description, a follow-up of the functional programming course, Understanding Microcontrollers, a French speaking introductory course about microcontrollers, and Hardware Description, our first course on the edX platform.
5: Cargo robots
advanced technology in Africa at massive scale: MOOCs, digital identity, big data, robotics, risk and complexity thinking