

- ✓ *Clouds: what do I **gain**, what do I **lose**?*
- ✓ *Is there **standards** for cloud interfaces?*
- ✓ *What are the different models for **cloud** computing?*

- ✓ *Can server virtualization **save power**?*
- ✓ ***Server crash recovery**: Can virtualization help?*
- ✓ *How to go above hardware **physical limits**?*

- ✓ *Are modern encryption systems **really secure**?*
- ✓ *What lessons after **2000 years** of encryption?*
- ✓ *Ever wondered how **asymmetric ciphers** work?*

- ✓ ***Code refactoring** burden: is it worth it?*
- ✓ *Why does **pair programming** may help?*
- ✓ ***Test-driven development**: A realistic idea?*

- ✓ *Is my **quality assurance** process sufficient?*
- ✓ *What are the approaches to **collect** metrics?*
- ✓ *How to classify **standards** for metrics?*

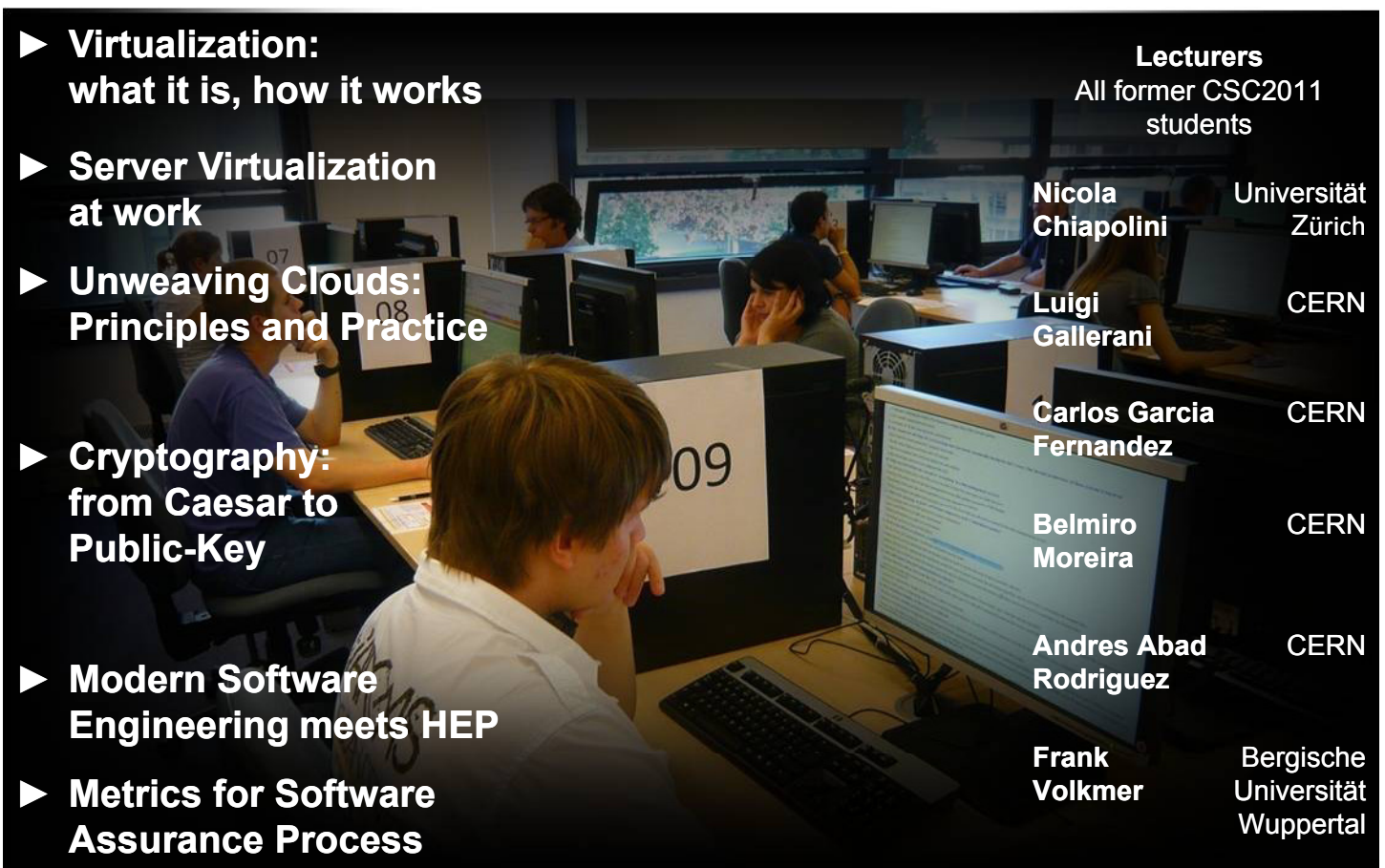
5th iCSC

CERN School of Computing

inverted CSC-2011
"Where students turn into teachers"

3-4 March 2011, CERN*

All the answers at iCSC



▶ Virtualization: what it is, how it works	Lecturers All former CSC2011 students
▶ Server Virtualization at work	Nicola Chiapolini Universität Zürich
▶ Unweaving Clouds: Principles and Practice	Luigi Gallerani CERN
▶ Cryptography: from Caesar to Public-Key	Carlos Garcia Fernandez CERN
▶ Modern Software Engineering meets HEP	Belmiro Moreira CERN
▶ Metrics for Software Assurance Process	Andres Abad Rodriguez CERN
	Frank Volkmer Bergische Universität Wuppertal