



POLITECNICO DI MILANO



DIPARTIMENTO DI
ELETTRONICA,
INFORMAZIONE
E BIOINGEGNERIA

Regional Cluster Event (RCE) New Curricula for e-Leadership

Delivering Skills for an Innovative and Competitive Europe

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25th June 2014

Politecnico di Milano – Aula Magna Piazza Leonardo da
Vinci, 32 Milano, 20133 - ITALY



Computer Science and Engineering at Polimi (1)

Bachelor Programme

- Fundamentals:
 - math and sciences
 - basic engineering
 - Information & Comp.Sci.
- Interdisciplinary Approach

Master Programme

3 Methodological Areas

- IT Management and Applications
- Software Methodologies
- Hardware Architectures

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9 Specialized tracks

- Interactive Applications
- Big data
- Bioinformatics and e-health
- ICT industrial applications
- Networked enterprises and services
- Artificial Intelligence
- Internet engineering
- Robotics e vision
- Pervasive Systems

Computer Science and Engineering at Polimi (2)

Ph.D. Programme

- Scientific and technical depth
- Visionary, fundamental investigation
- Cooperation with non-academic entities

Strong interaction and cross fertilization through

- Fondazione Politecnico di Milano
- CEFRIEL
- POLIHUB
- Other Courses in the School of Engineering

Conclusions

- Research and innovation our core business
 - Every development and application of Comp.Sci. fosters deep innovation
- w.r.t the 5 e-CF areas our students are...
 - Best equipped for BUILD and RUN
 - less for PLAN, ENABLE and MANAGE
- We focus on core Comp.Sci.&Eng. disciplines
 - Business and Management considered ancillary