ANNOUNCEMENT OF SEMINAR ON
COGNITIVE COMPUTING & HEALTHCARE

WHO: **PIETRO LEO**
        Executive Architect and CTO for Big Data Analytics and Watson
        Chief Scientist, Research & Business Unit
        IBM Italy

WHAT: **IBM Cognitive Computing: Challenges and Opportunities in Building an Artificial Intelligence Platform for Business**

WHEN: Friday, 17 February 2017, 14:30−15:30

WHERE: Room IA4, Engineering College, via Nuova Agnano

Abstract — Cognitive systems aim to augment individual and collective intelligence blending a number of artificial intelligence methods to solve complex business problems. They are the key elements to build and renew decision-making supporting systems to support individuals as well as organizations. The talk will provide a point of view of IBM in this area presenting the IBM cognitive platform upon which cognitive systems and applications are built as well as highlighting main research and development themes.

Biosketch — **PIETRO LEO** works for IBM as Executive Architect acting as IBM Italy CTO for Big Data Analytics and Watson. He is the Chief Scientist of IBM Italy Research & Business Unit driving the IBM Italy Center of Advanced Studies. Member of IBM Academy of Technology Leadership Team and a permanent member of the IBM Italy Technical Expert Council management board. Mr. Leo served as technical leader and data scientist in a number of analytics projects whose overall effort size can be content on over 150 years/man, working both at the national and international levels. At the same time he served also as scientific responsible in a number of applied research initiatives funded from European Union as well as from Italian Government on innovative areas collaborating with tens of research teams. Mr. Leo has been keynote speaker in Industrial and Scientific Conferences as well as he has been a member of Scientific Committees of Scientific and Technical Conferences at national and international level He is author or co-author of more than 70 publications including scientific papers and book chapters, and is the co-author of two books edited by IBM Redbooks.

WHO: **PAOLO MARESCA**
        Associate Professor
        Department of Electrical Engineering and Information Technology
        University of Naples Federico II

WHAT: **Cognitive Computing and da Vinci robot: Research Proposals and Discussion**

WHEN: Friday, 17 February 2017, 15:30−16:30

WHERE: Room IA4, Engineering College, via Nuova Agnano

Abstract — The training for the acquisition of manual skills and expertise of da Vinci is complex. It is believed that Watson may be useful as tutoring to the formation of these abilities and skills, mainly because the robot versions change very frequently and surgical specialties increase with continuity (urology, cardiology, neonatology, neuro surgery, etc). Watson will be a useful training ground for engineers and doctors and an experience in the field of cognitive computing applied to customized training.

Biosketch — **PAOLO MARESCA** is associate professor at DIETI Federico II. He has produced numerous publication on the themes of software engineering, software maintenance, quality, software metrics, testing, reverse engineering, tools for the reconstruction of existing software documentation, criterions of existing and rapid reuse of the software, architectures and evaluation of systems, representation of multimedia data, safety of distributed systems, workflow management, rapid prototipying of tools, e-learning and eclipse technology. Recently he is involved in cognitive computing as Bluemix and Watson and their application in IOT and healthcare. He is also IBM cloud champion for 2017 and Senior IEEE Member.

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