



HEALTHCARE INNOVATION 4.0

Milan October 18th-20th 2018

International Training Course

Powered by Canada Research Centre

and Start up Event

This exclusive program for the first time combines all the cogwheels of Healthcare Automation in the Fourth Industrial Revolution for transformation of healthcare industry. The program encompasses 2 days of training about Design Thinking for Automation, Big Data Analytics, Internet of Things, Machine Learning & Artificial Intelligence, Robotics and Cybersecurity.

Outstanding speakers from [Canada Research Centre](#)



During the 3rd day, start up companies can participate to our pitch competition

Poster session for PhD students and innovative companies

Networking events and social dinner in the exiting Milano City Center

Target

Corporations and start up companies in Medtech , Pharma, ICT Digital healthcare
University Professors, researchers, students and PhD

Day 1: Session 1

Internet of Things, Machine Learning, Artificial Intelligence and Robotics

The Internet of Things

Workings of internet of things. How to design IOT ecosystem, Strategies for IOT

Understand the digital landscape of today and upcoming future.

Learn how to align the Company with a Digital Business Strategy- Answer the What, Why,
how by defining a Digital Transformation Roadmap

How to select and evaluate digital technologies that impact the success of digital projects and How
to Monetize Digitization in a business

How to create metrics for measuring impact of digitization in the business

What is Machine learning, Artificial Intelligence? Types of Artificial intelligences, how it is
developed and how it works. How can it be implemented for automation?

Principles of Crowdsourcing

History of the Ro-” bot era”.

Integration of Robots into human life. (Personal and Manufacturing) an Artificial Intelligence

VR- What is virtual reality and where is it heading? - Uses and implementation for automation

Day 1: Session 2

Automation for Healthcare

What is Automation?

Automation for Healthcare

Automation Strategies and techniques

Day 2: Session 1

Big Data and Analytics

Driving force behind Big Data revolution. What is the difference between describing data and
analytics.

Key technologies and applications driving the big data revolution the capabilities and the limits of data analytics.

Privacy and copyrights of digital data ownership.

Risks in using big data.

The organizational and cultural contexts that effect data-driven decision-making.

Data Analytics tools and their workings and implementation

Data Strategy for organizations: Destining and Implementation

Day 2: Session 2

Creativity is serious business. The World Economic Forum lists creative problem solving, critical thinking and creativity as the top three skills needed for the 4th Industrial Revolution and a 2010 IBM study identified creativity as the top leadership skill for managing in an increasingly complex world. Design thinking is a process of immersing yourself in a problem space, thinking creatively around pain points and opportunity areas, then iteratively prototyping new solutions.

Focused on listening, user empathy, whole-brain thinking, collaboration, and experimentation, design thinking can be applied within any team and in any field, and the techniques and tools can be applied to problems in the business world as well as in the non-profit and public sectors. In this 4-hour session, we'll explore design thinking for innovation and the creative process underlying it, including some of the enhancers and inhibitors for creativity and innovation, and practice some of the tools and techniques for creative problem solving, including a short design thinking challenge.

The case for creativity and innovation

Design thinking for a brave new world – methodology and process

Design challenge exercise

Creative problem-solving tools and techniques

Tips and traps in managing for creativity

Day 3

start up pitch competition

poster session for academic projects

Innovative healthcare and digital projects exhibition

Networking and social dinner

According to the FT, Milan is the capital of innovation

www.growingleader.com/according-to-the-ft-milan-is-the-capital-of-innovation