Introduzione al Digital Twin: obiettivi e soluzioni

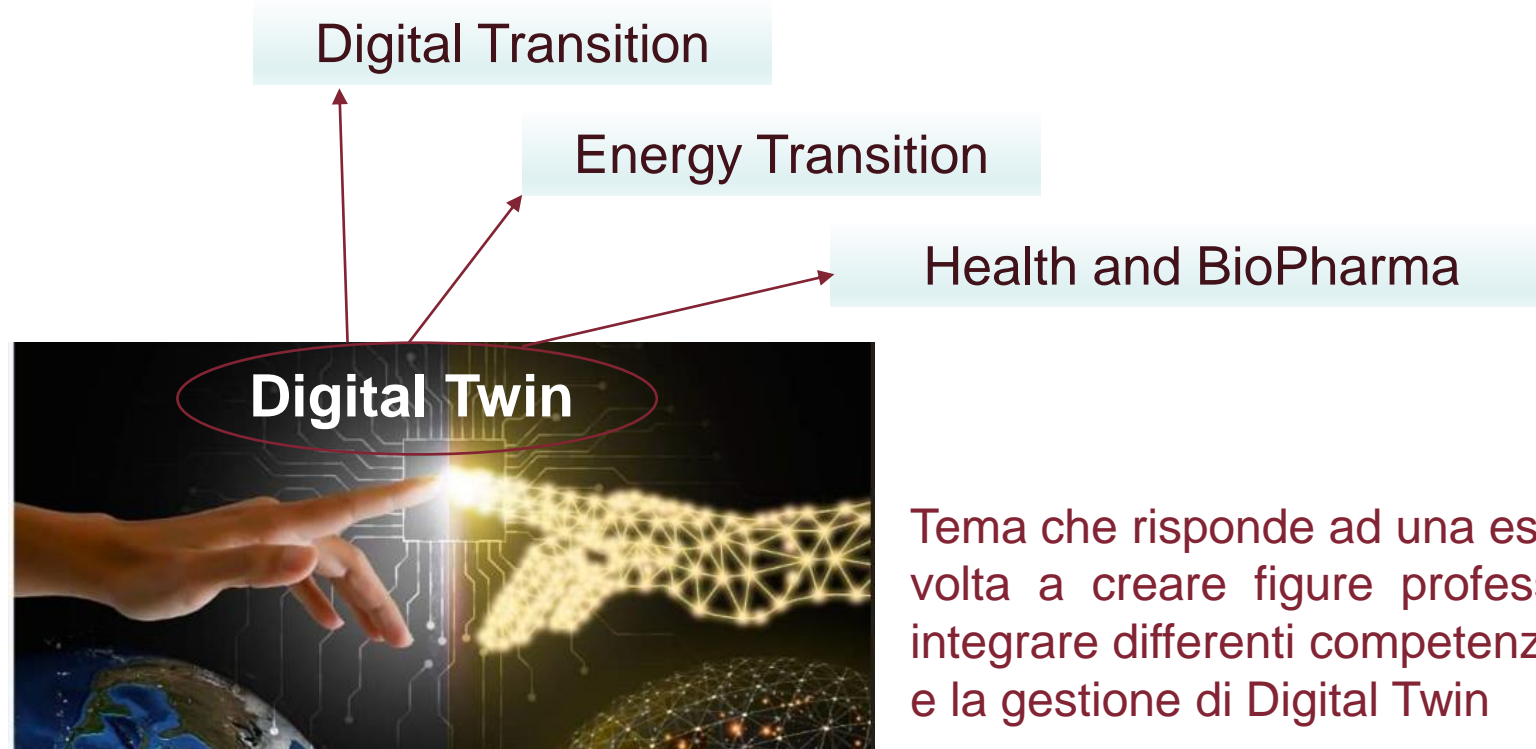**25 giugno 2024**

Federica Trovalusci

Rome Technopole project

Spoke 2 - Technology transfer, new entrepreneurship, business incubation and acceleration

Task 2.5 - Training in technology transfer: creation of dedicated training programmes on technology transfer, targeting both researchers and industries

Workshop legati a specifici temi di interesse del TT

Digital Transition

Energy Transition

Health and BioPharma

Digital Twin

Tema che risponde ad una esigenza di mercato volta a creare figure professionali in grado di integrare differenti competenze per lo sviluppo e la gestione di Digital Twin

Rome Technopole project

Spoke 2- Technology transfer, new entrepreneurship, business incubation and acceleration

Workshop

Digital Transition

- Advanced Product Design and Optimization using FEM
- Cybersecurity and Digital Technology Deployment for Green Transition Smart Maintenance
- Digital Twin for HPC monitoring with Data Science techniques
- Digital Twin, integration of GIS and BIM systems for the digital transition. The information paradigm in the representation and management of architecture and territory
- Effective Team Management
- Engineering and Management of Industrial Companies
- Smart Maintenance

Health and BioPharma

- 3D Printing for Industrial and Biomedical Applications
- Digital Twin for Biomedicine and Biopharma
- Technology Transfer in Life Sciences
- The Development of Advanced Therapies: critical issues and tools to support the clinical path
- The Development of Advanced Therapies: regulatory requirements and practical aspects from the laboratory to clinical trials

Energy Transition

- Digital Twin for Energy and Production Management
- Risk-based sustainable regeneration of industrial sites

- Digital Twin Aim and Solutions: an Introduction
- Sustainable Materials: the role of Circular Economy and Critical Sources
- Use of Wood and Extension of Useful Life through Low Environmental Impact Methodologies

Rome Technopole project

Spoke 2- Technology transfer, new entrepreneurship, business incubation and acceleration

Catalogo riassume i principali **prodotti del trasferimento tecnologico**

nell'ambito del Rome Technopole tra cui le **iniziative formative**

Section 5 - TRAINING ON TECHNOLOGY TRANSFER