



2018 西湖论剑·网络安全大会
West Lake Cybersecurity Conference

Identifying Emerging Threats and Solutions using Support of New Technologies

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What is UNICRI?

The United Nations Interregional Crime and Justice Research Institute

Established in 1967 by Economic and Social Council of the United Nations

100 Persons Globally (in HQ and 8 regional offices)

Headquarters in Turin, Italy



Specialized
Centers:

- Geneva
- Brussels
- Rome

Technology and Security



- 1) Analyse the impact of key rapid technological changes (**solutions** and **challenges**)
- 2) Assist to develop **national strategies**
- 3) Raise **awareness** and inform policy-makers

Topics:



Supply Chain Security



Cyber-Security



CBRN Management



Artificial Intelligence

Big Data Analytics



Synthetic Biology and Nano
biotechnology



Block chain



Risk Scenarios on Biotechnology

Scenario 1: Biohacking



Scenario 2: Agroterrorism



Scenario 3: Misuse CRISPER



Risk Scenarios on Blockchains

Scenario 1:

Use of cryptocurrencies
on online marketplace
for counterfeit goods



Scenario 2:

Use of cryptocurrencies
for money laundering
and terrorism financing



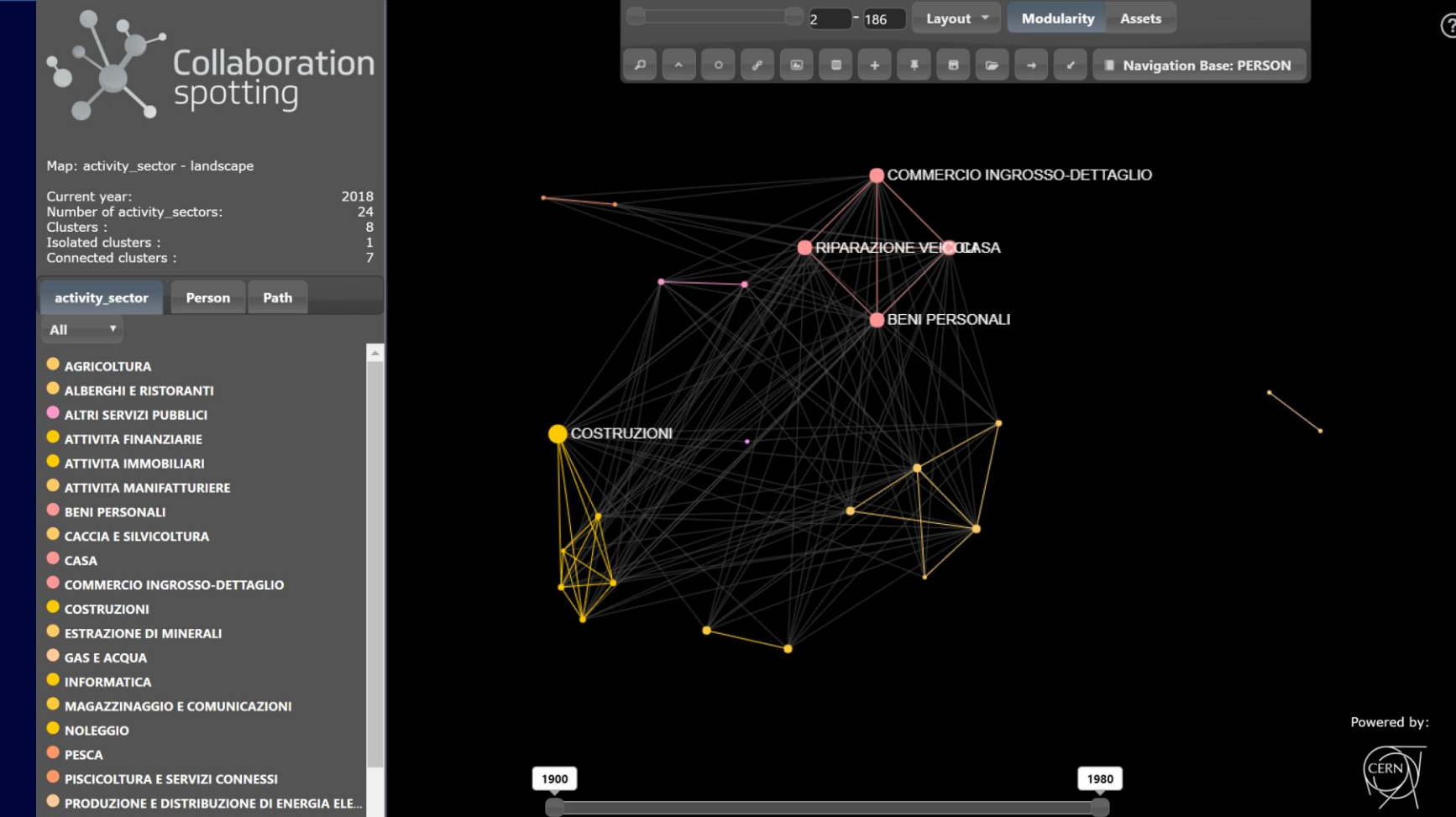
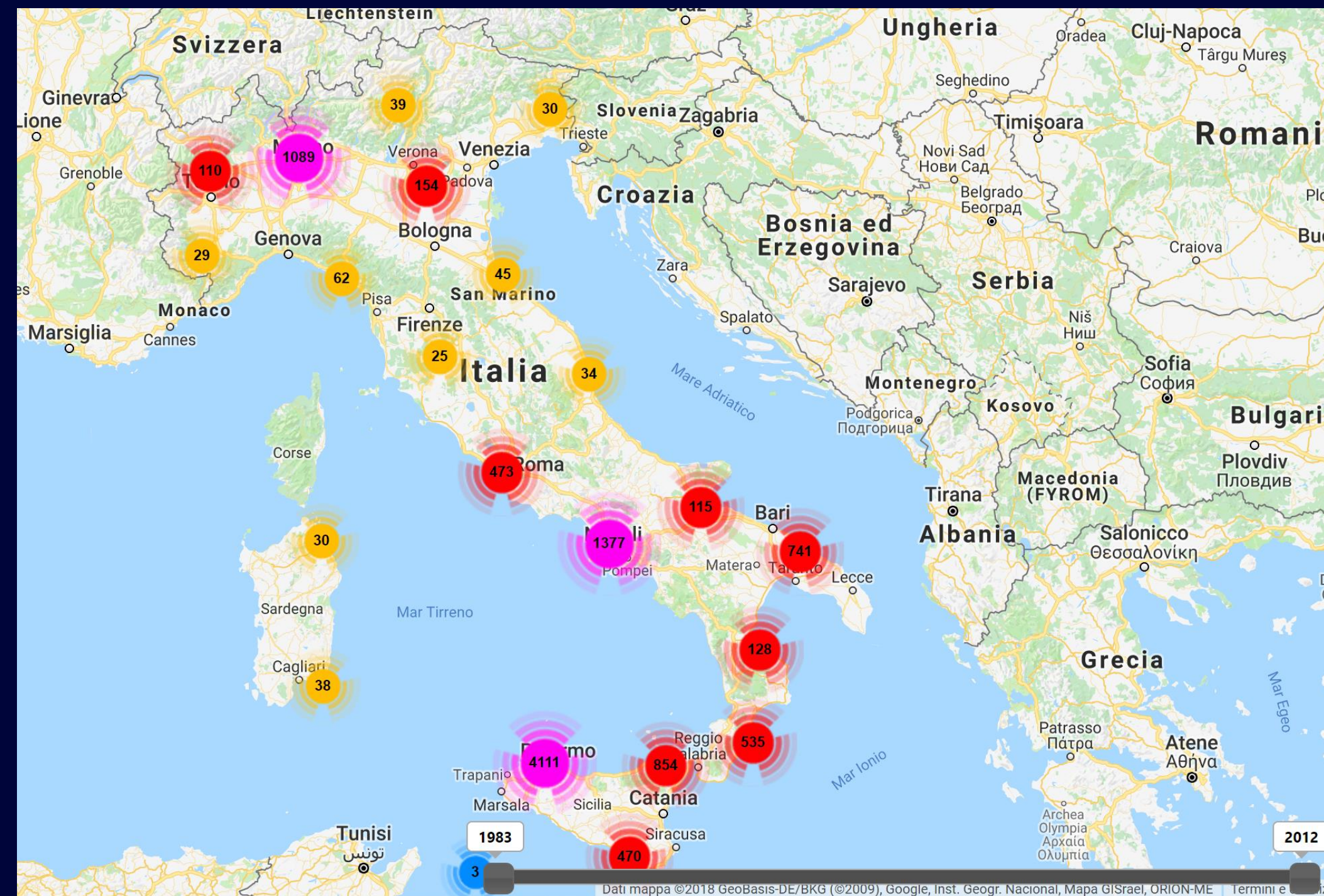
Scenario 3:

Hacking the Blockchain



Risk Scenarios on Blockchains

■ Analysis of investment



International Network on Biotechnology (INB)

The INB is a global network of academic and research institutions, non-governmental and international organizations, and other stakeholders, committed to advancing responsible and secure conduct in the life sciences

The INB's primary goals are to:

- Raise awareness about the opportunities and risks enabled by advances in biotechnology
- Advance responsible life science education
- Advocate practical (policy) measures to ensure sustainable progress in biotechnology



Administered by UNICRI, in collaboration with the US FBI

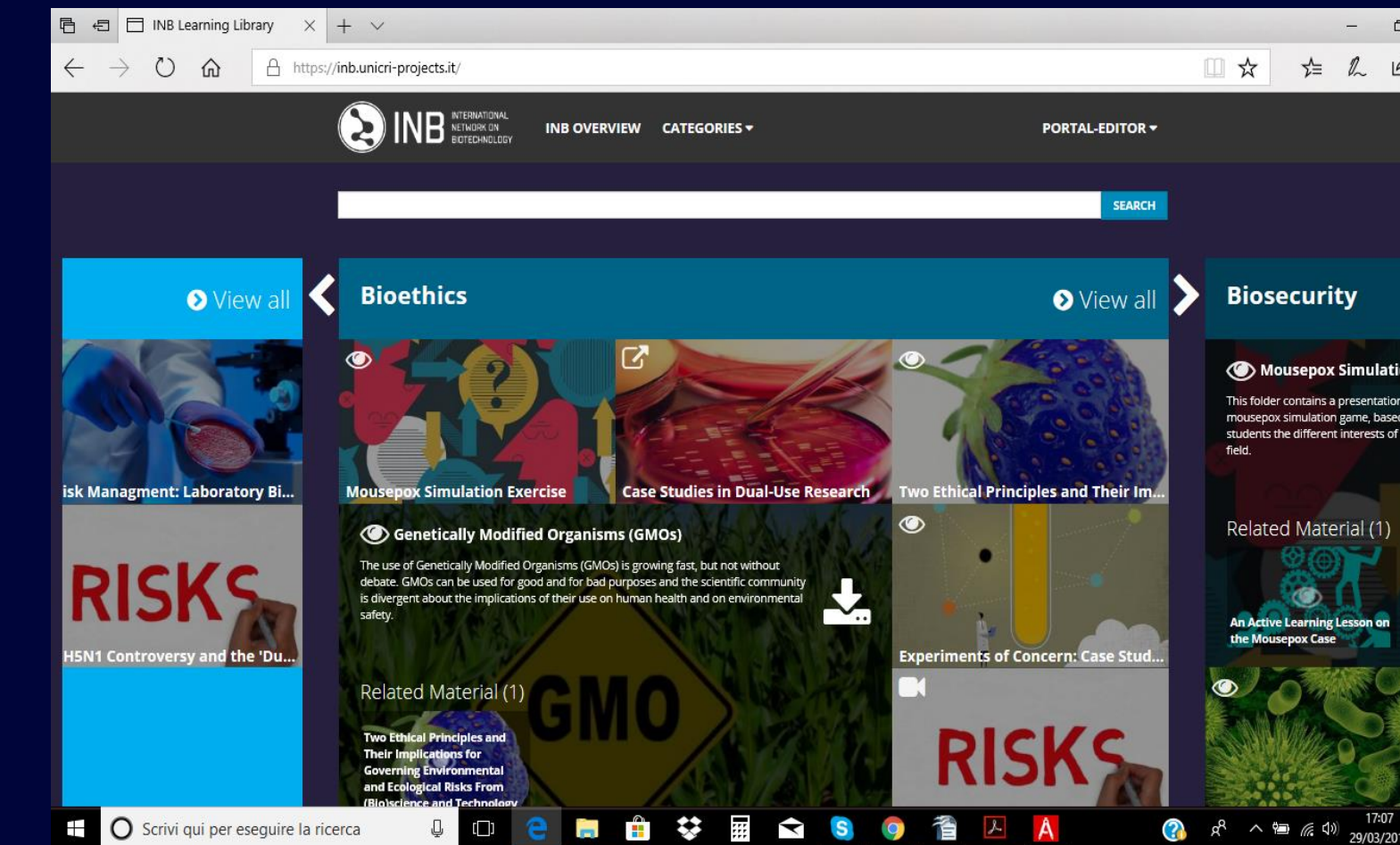


Network Partners and the INB Portal

Network Partners from different regions and countries:



INB Portal: A platform to upload, exchange and share materials



Asia

Pakistan

Philippines

Middle East

Lebanon

Jordan

North Africa

Morocco

North America

United States

Europe

Italy

Sweden

Georgia

Moldova

South America

Argentina

International Network on Biotechnology (INB)



UNICRI Centre on AI and Robotics in the Hague

To enhance understanding of the risk-benefit duality of AI and robotics through improved coordination, knowledge collection and dissemination, awareness-raising and outreach activities



2015 Side event AI at the UNGA



Security and Technology



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THANKS
谢谢观看

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