



ISTITUTO DI FISILOGIA CLINICA  
CONSIGLIO NAZIONALE DELLE RICERCHE



# THE *INSTITUTE OF CLINICAL PHYSIOLOGY* NATIONAL RESEARCH COUNCIL

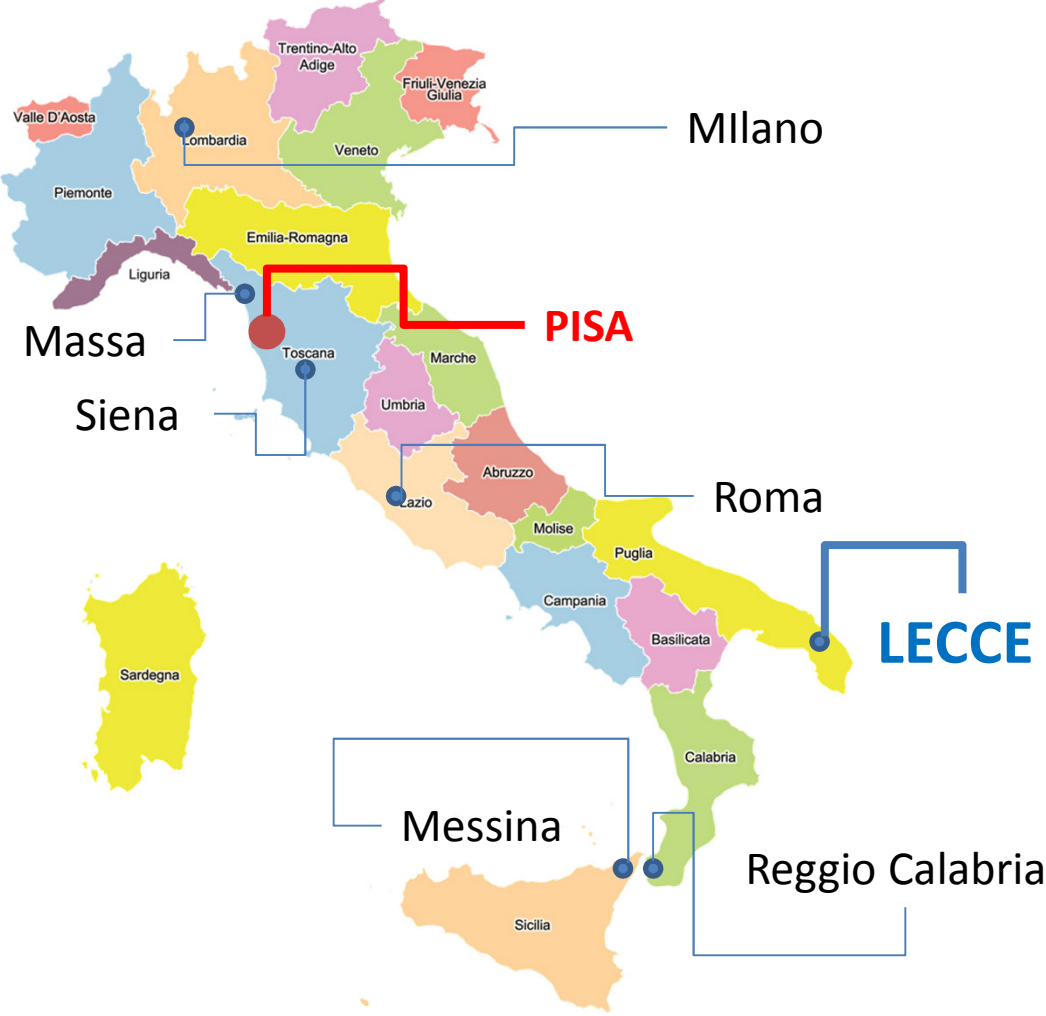
Carlo Giacomo LEO, PhD  
*National Research Council of Italy*

## ICT & HEALTH

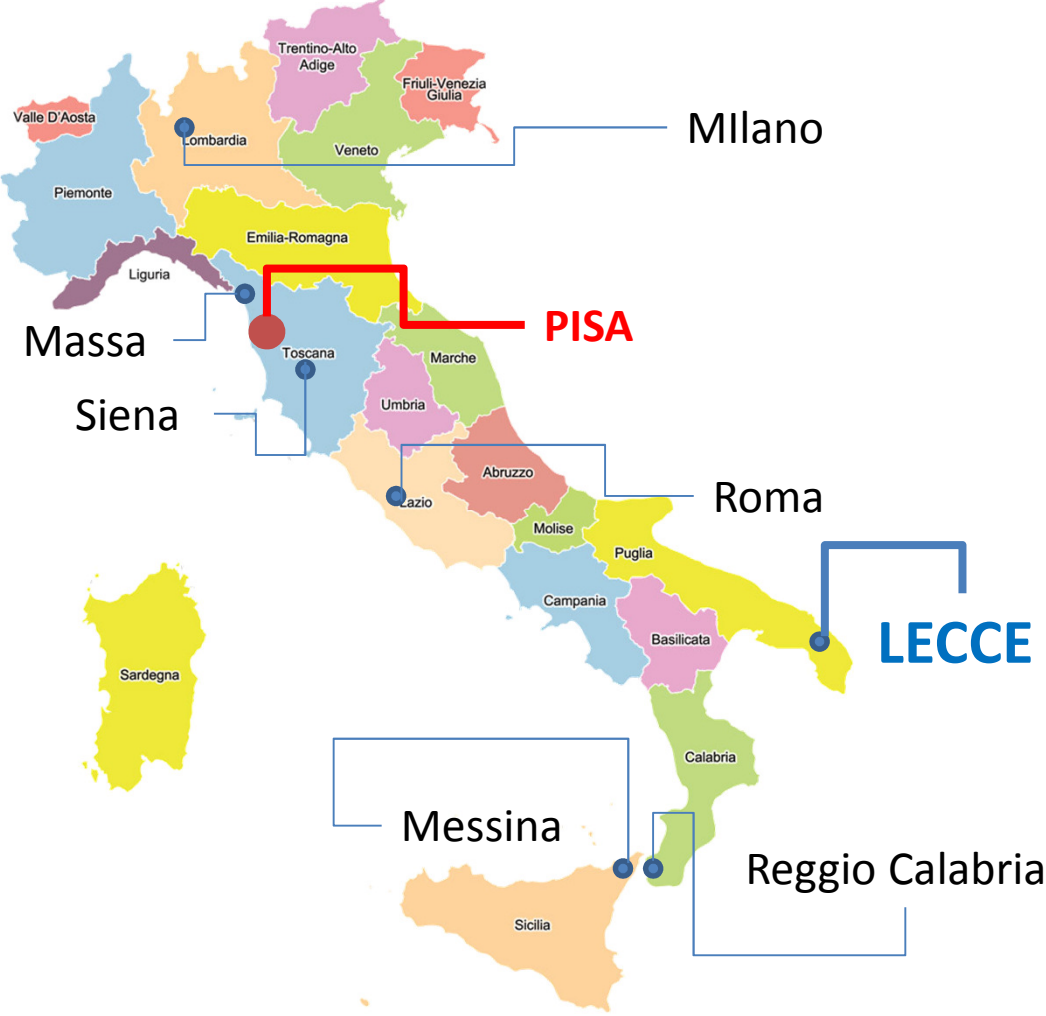
THE ROLE OF THE DIGITAL SECTOR  
IN MAKING THE HEALTH & CARE  
NEARER TO THE USERS

May 6th 2015 · Lecce · Italy

# OUR INSTITUTE



# OUR INSTITUTE

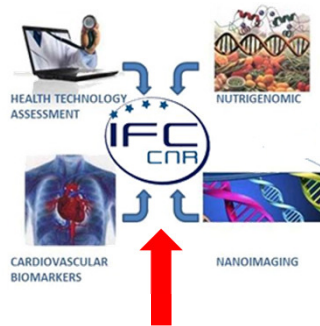


14 Researchers  
5 Technicians  
15 Collaborators  
Divided into 4 macro-areas



# COLLABORATIONS

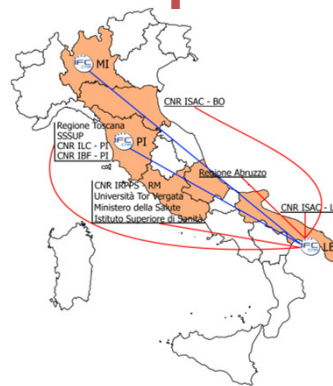
We are NOT an ISLAND



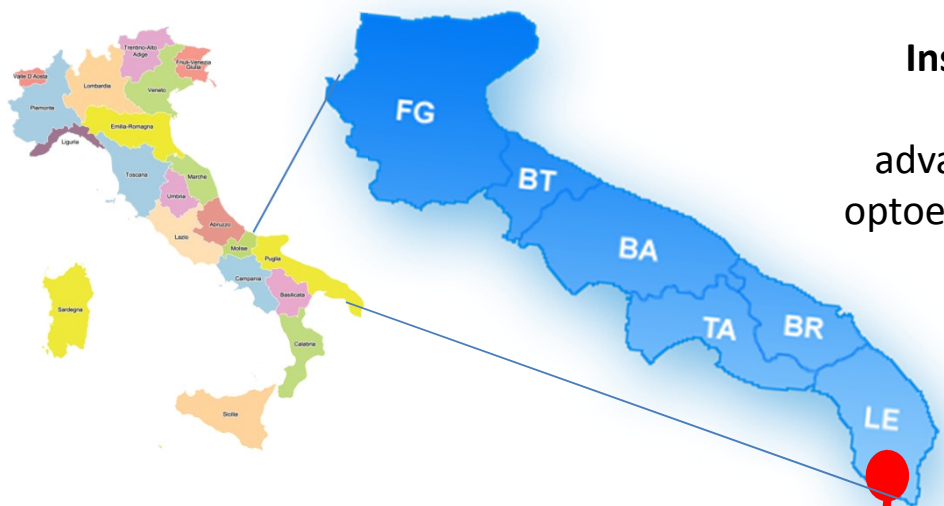
Partnership



UniLE



# COLLABORATIONS (*LOCAL*)



## **Institute of Atmospheric Sciences and Climate (CNR-ISAC)**

Integrated scientific understanding of the atmosphere and its processes.

## **Institute of archeological heritage - monuments and sites (IBAM)**

Knowledge, documentation, diagnosis, preservation, enhancement, fruition and communication of archaeological and monumental heritage.

**Institute for Microelectronics and Microsystems (IMM)**  
Innovative solutions for micro and nanoelectronics, advanced materials and processes for smart components, optoelectronics and photonics, sensors and multifunctional micro/nanosystems.

**National Institute of Optics (INO)**  
Advanced optical materials, components & systems, Cold matter & quantum optics, Nano & Bio Photonics, Novel Light Sources & Extreme Photonic, Sensors & Imaging, Metrology & Spectroscopy.

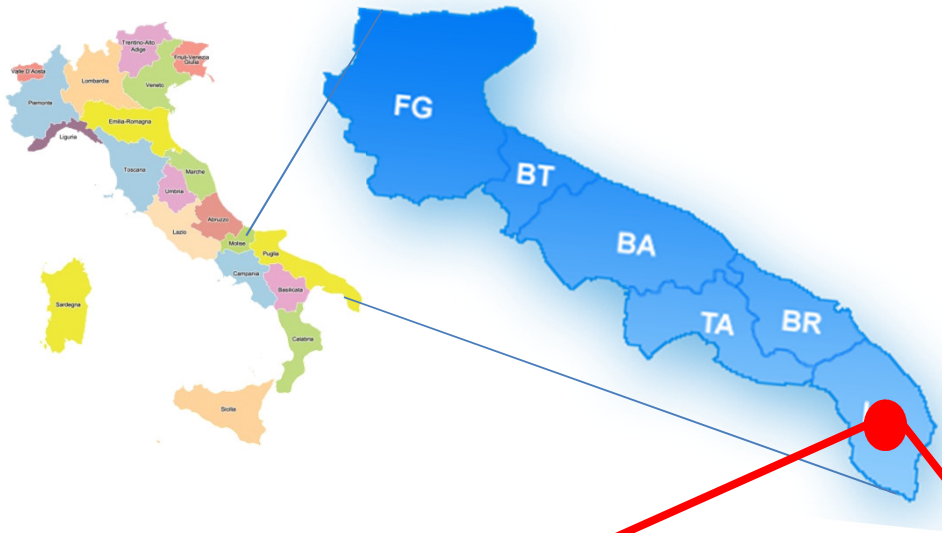
**Institute of Sciences of Food Production (ISPA)**  
Improvement of the quality and safety of food processing sector.

**Istituto Nanoscienze (NANO)**  
Nanoscience and nanotechnology. Synthesis and the fabrication of nanostructures and devices.



# COLLABORATIONS:

SPECIFIC FOCUS ON THE LOCAL COLLABORATIONS



**UNIVERSITÀ  
DEL SALENTO**



**Consiglio  
Nazionale delle  
Ricerche**

# COLLABORATIONS:

SPECIFIC FOCUS ON THE LOCAL COLLABORATIONS



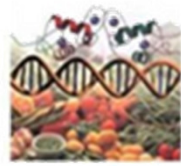
# OUR MODEL

RESEARCH QUESTIONS/  
OPPORTUNITIES

INTEGRATION AMONG OUR  
MACRO-AREAS



Health Technology  
Assessment



Nutrigenomic



Clinical Epidemiology  
and Biomarkers



Nanoimaging

STAKEHOLDERS

OBJECTIVES

ENDUSERS

HEALTHCARE PERSONNEL  
SCIENTIFIC COMMUNITY  
DECISION MAKER

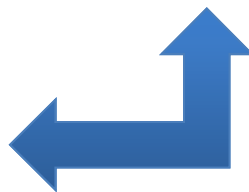
LOCAL HEALTH AREAS  
PUBLIC AND PRIVATE HOSPITALS  
PHARMACEUTICAL COMPANIES  
ICT COMPANIES



CITIZENS

Competences

Partnership





**Thanks!**