

EGO/Virgo Visit

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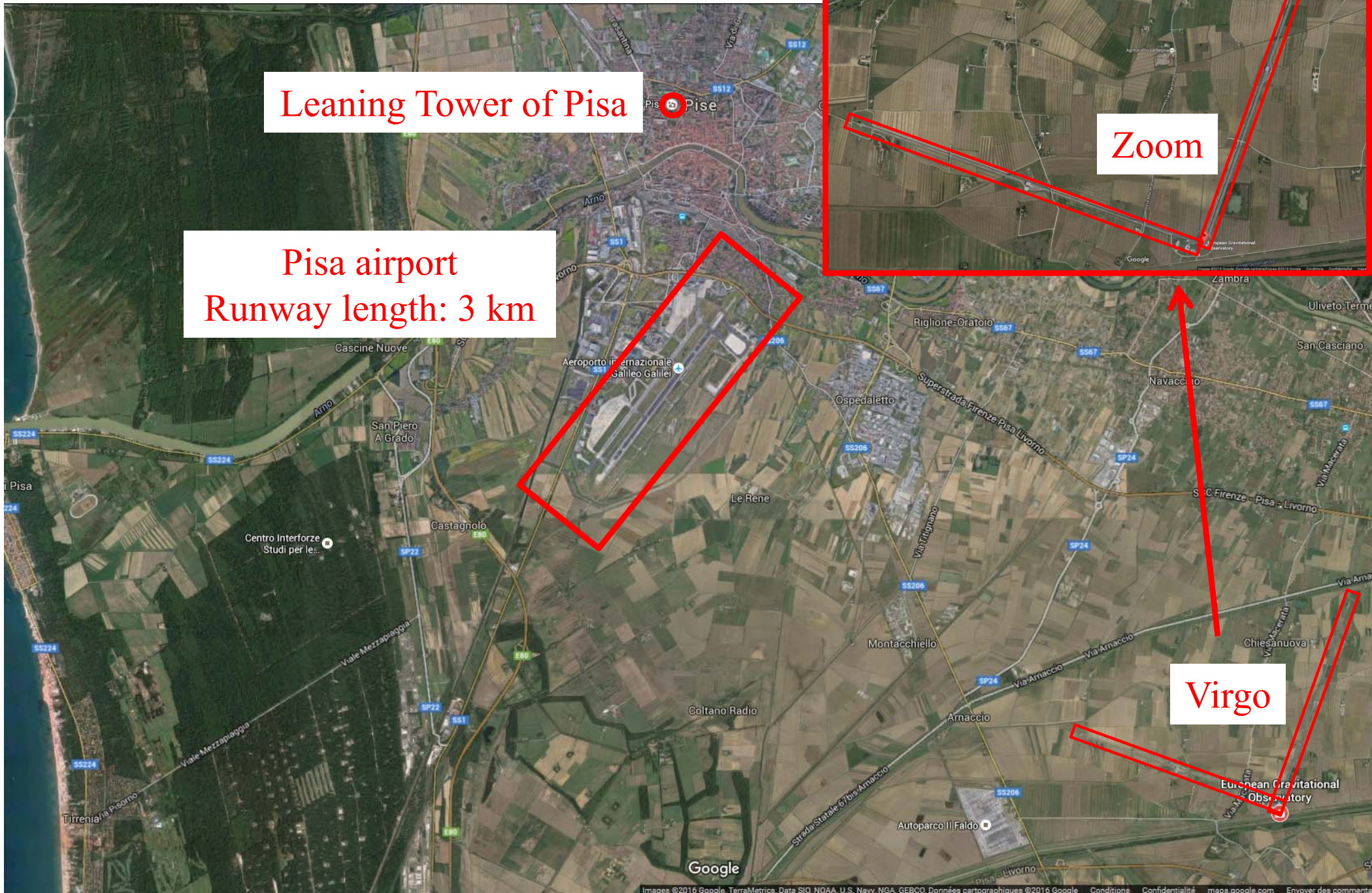
Laboratoire de l'Accélérateur Linéaire (CNRS/IN2P3 & Université Paris-Sud)
European Gravitational Observatory (Consortium, CNRS & INFN)



Where is Virgo?

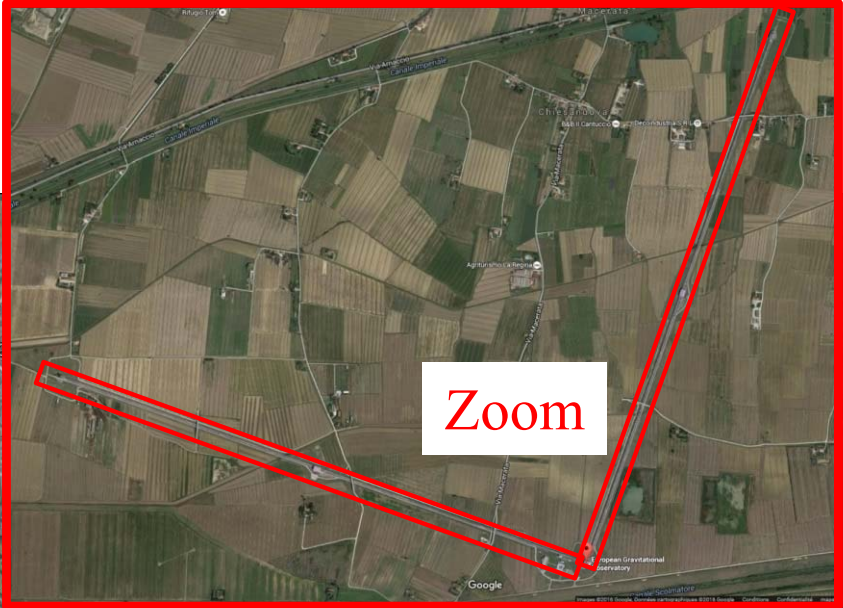


EGO: the Virgo site



Leaning Tower of Pisa

Pisa airport
Runway length: 3 km



Zoom

Virgo

European Gravitational Observatory

The Virgo Collaboration



- 8 European countries



- 20+ groups

- About 400 members (LIGO: ~900)



The Virgo Collaboration



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- About 400 members (LIGO: ~900)
- Virgo was built by 11 **CNRS** (France) and **INFN** (Italy) laboratories
 - Budget: ~150 M€
 - Groups from the Netherlands, Poland, Hungary, Spain and Belgium joined later the project
- Advanced Virgo funding: ~20 M€
 - Plus in-kind contribution from NIKHEF
- The **EGO** (European Gravitational Observatory) consortium is managing the Virgo site in Cascina. It provides the infrastructures and resources to ensure the detector construction and operation

APC Paris
ARTEMIS Nice
Barcelona University
EGO Cascina
INFN Firenze-Urbino
INFN Genova
INFN Napoli
INFN Perugia
INFN Pisa
INFN Roma La Sapienza
INFN Roma Tor Vergata
INFN Padova
INFN TIFPA
Jena University
LAL Orsay – ESPCI Paris
LAPP Annecy
LKB Paris
LMA Lyon
NIKHEF Amsterdam
POLGRAW (Poland)
Radboud Uni. Nijmegen
RMKI Budapest
UC Louvain & U. Liège
Valence University

If Virgo were located in Firenze...



Virgo from the sky

