



# Laboratorio

## RIFLETTORI

# ESERCITAZIONE – RIFLETTORI



The screenshot shows a software interface for antenna design. The main window displays a 3D model of a reflector in an x-z projection. The interface includes a project browser on the left, a command list, and an object editor window.

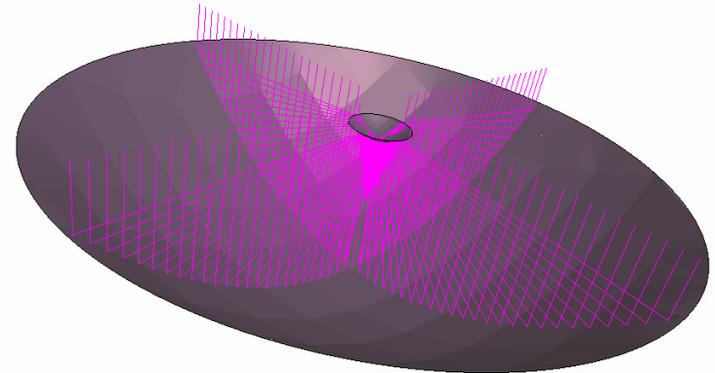
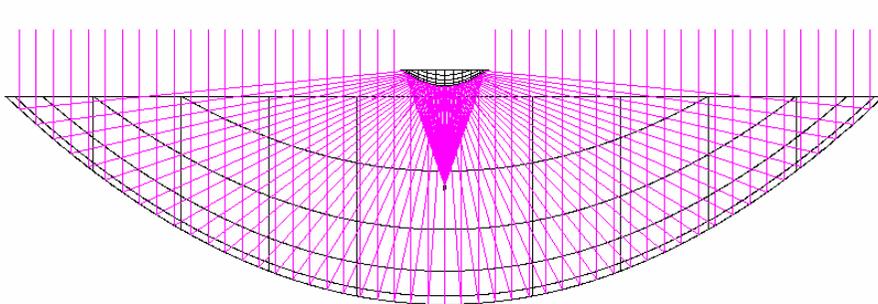
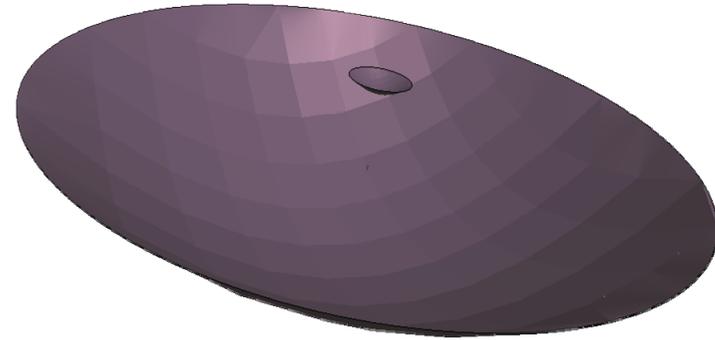
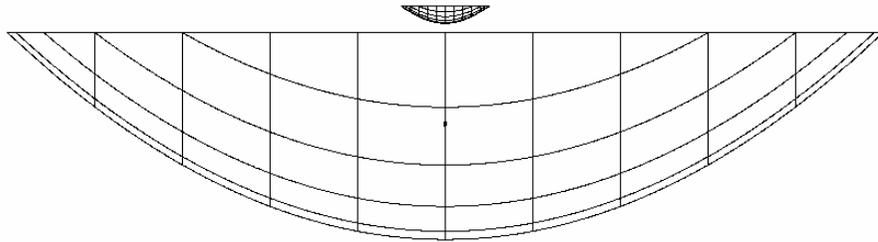
**Project Browser:**

- Geometrical Objects
  - Scatterer
    - Reflector
      - sub\_reflector
      - reflector
    - Surface
      - Paraboloid
        - surface
      - Hyperboloid
        - surface\_sub
    - Rim
      - Elliptical Rim
        - rim\_sub
        - rim
  - Coordinate Systems
    - Coordinate System
      - check
      - sub
      - feed
      - main
      - global
  - Electrical Objects
    - Frequency
      - Frequency List
        - frequency
      - Feed
        - Pattern
          - Gaussian Beam, Pattern Def.

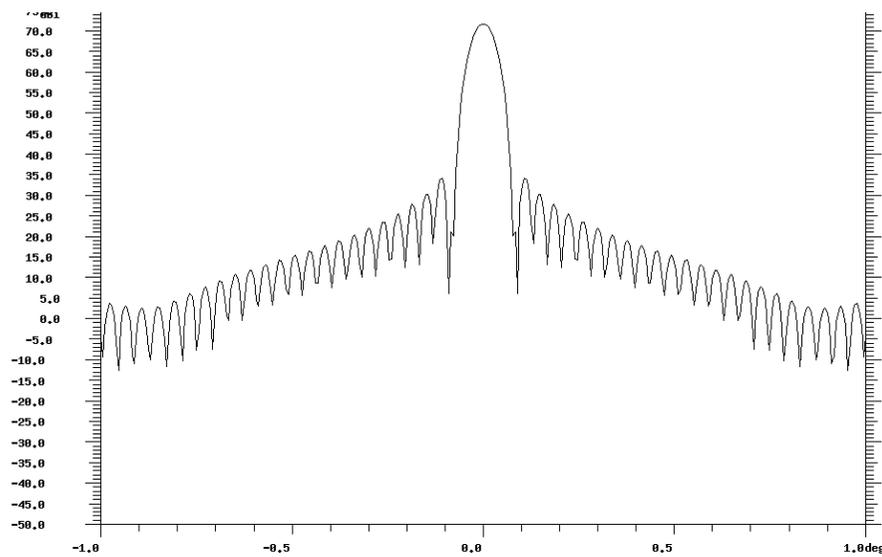
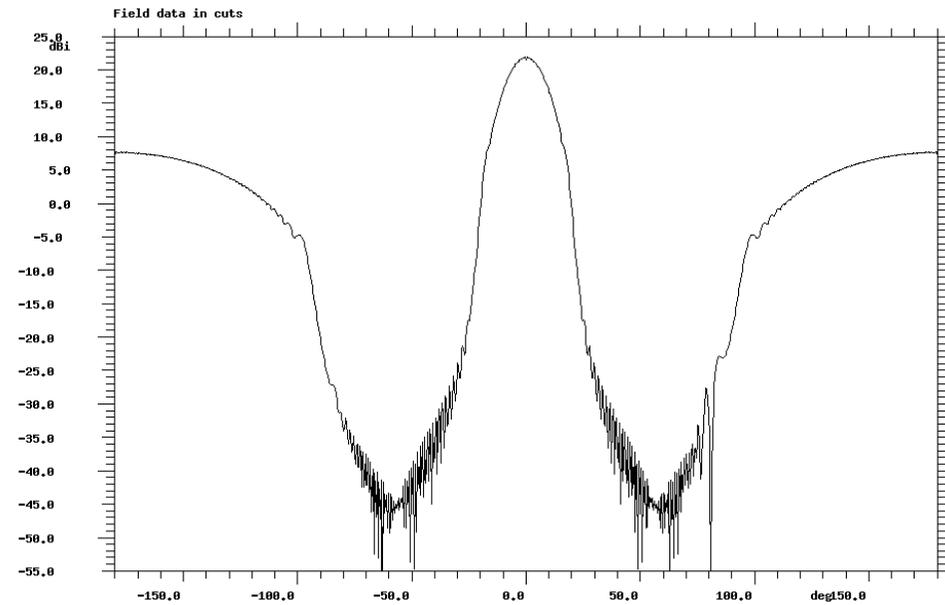
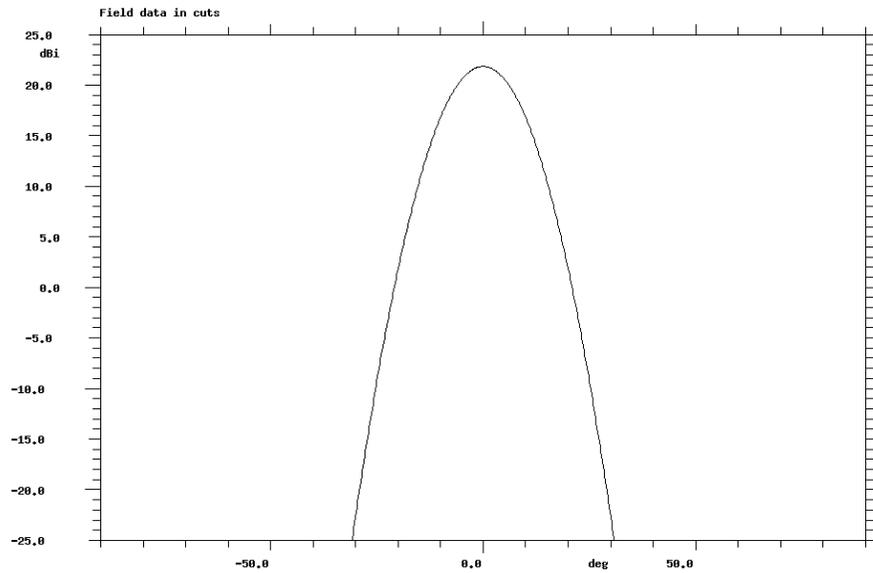
**Object Editor:**

- Object class: Reflector
- Object name: reflector
- Attributes:
  - [ coor\_sys ]
  - surface
  - rim
  - [ centre\_hole\_radius ]
  - [ distortion ]
  - [ serration ]

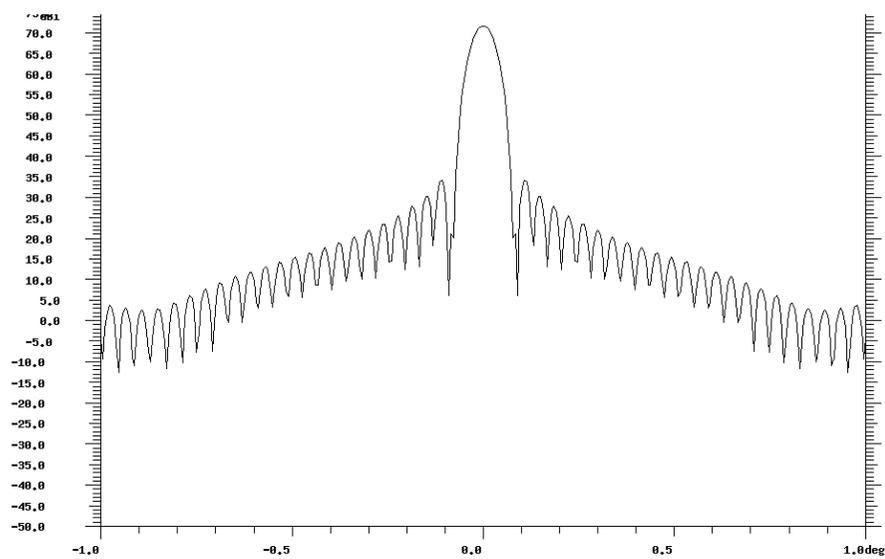
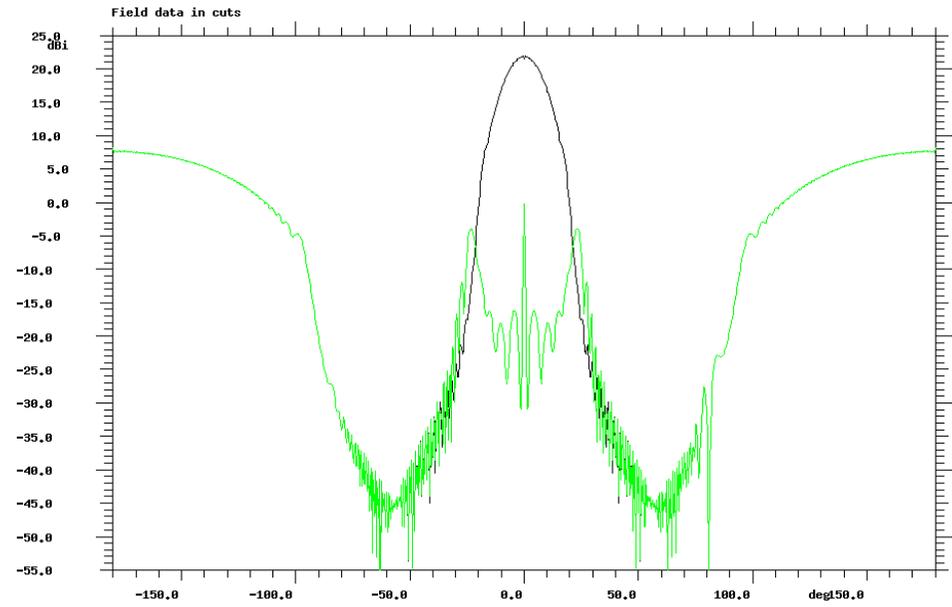
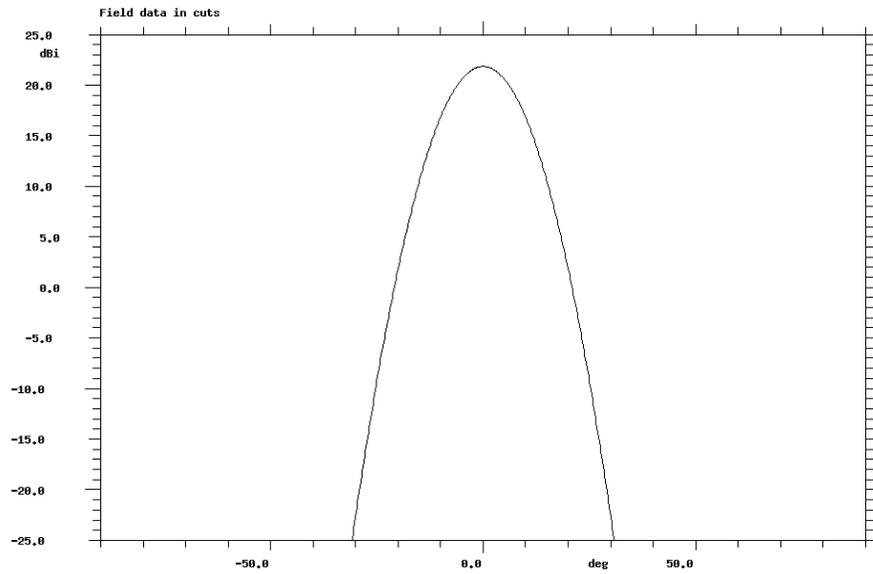
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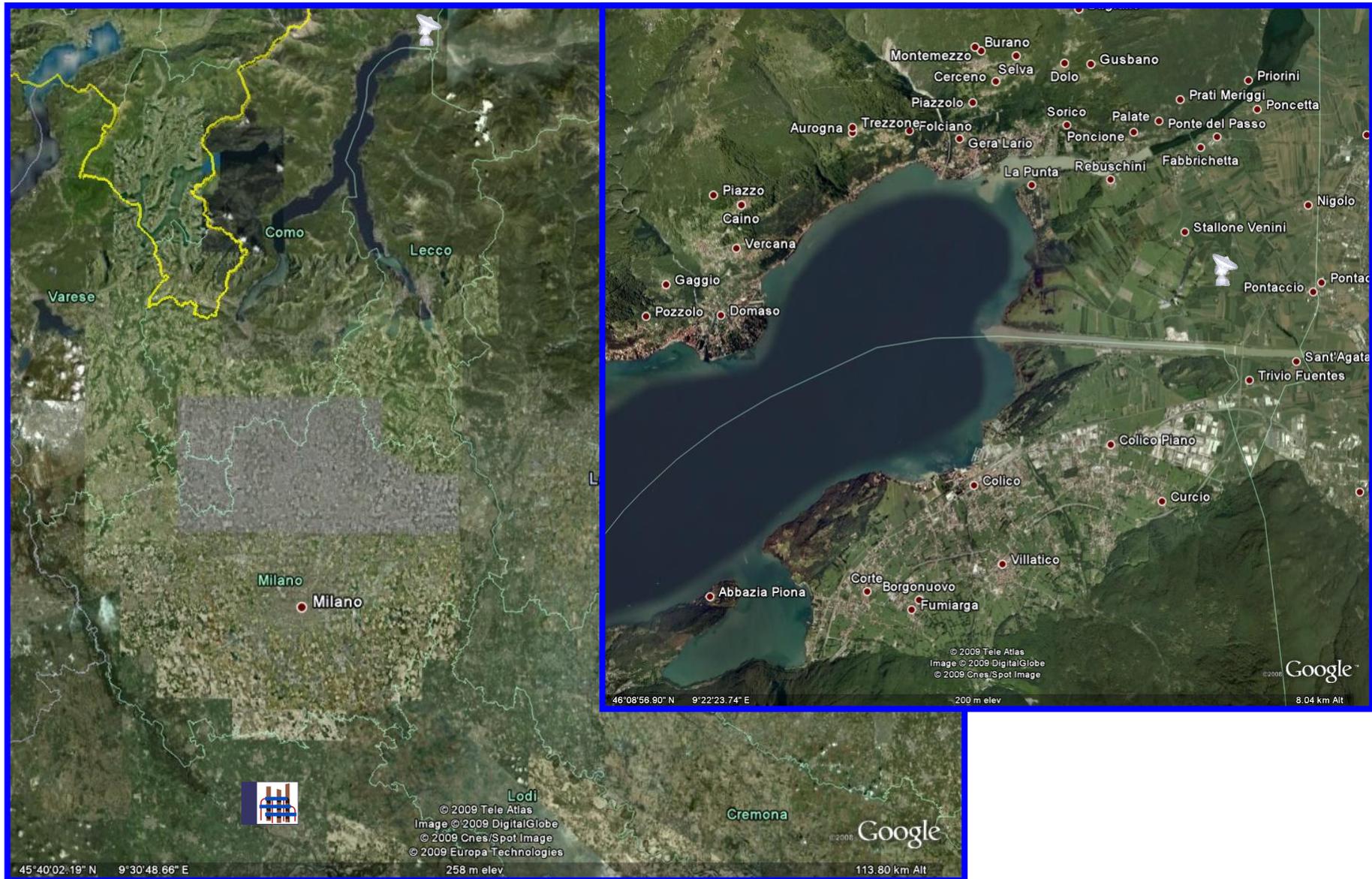
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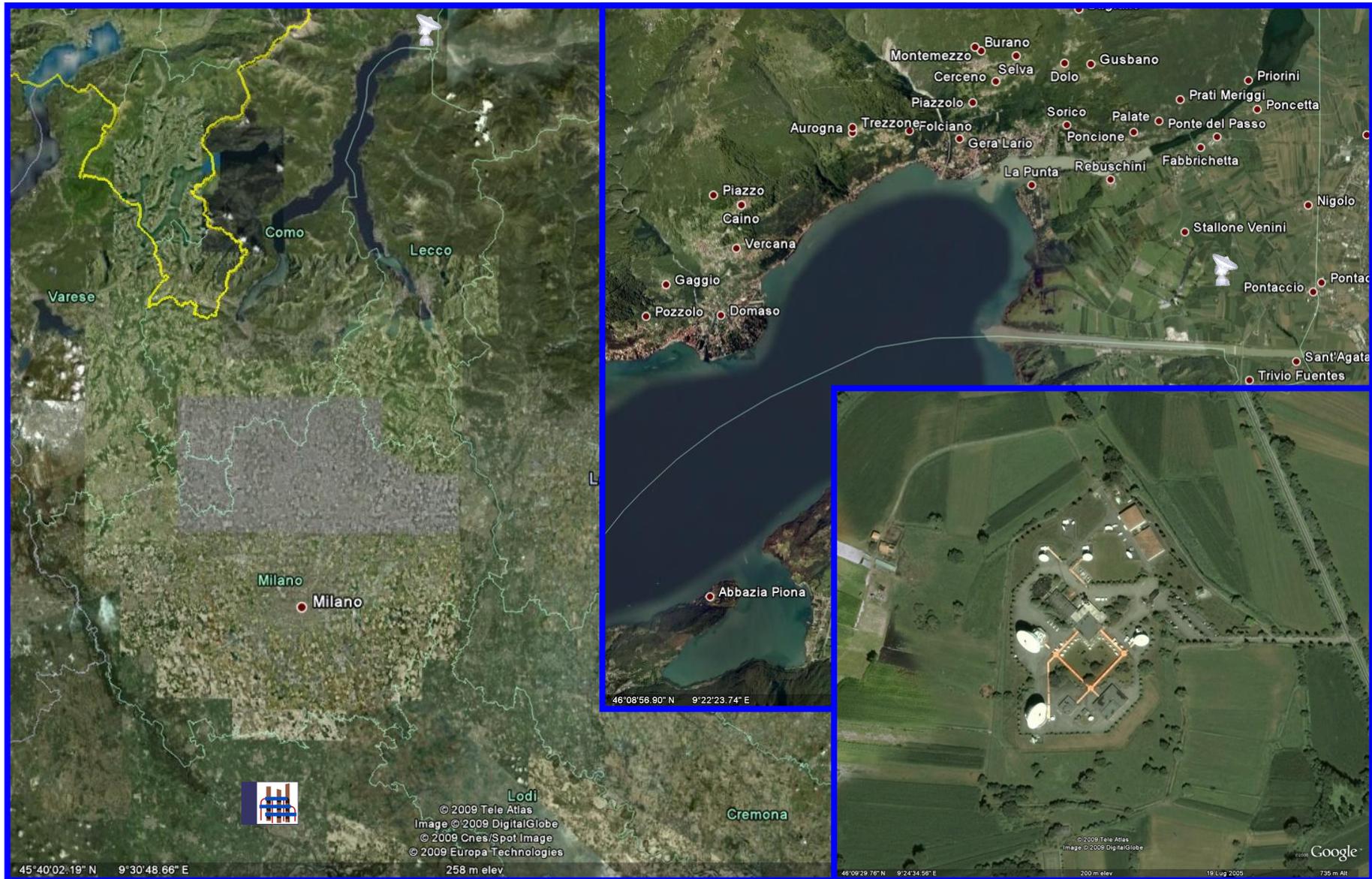
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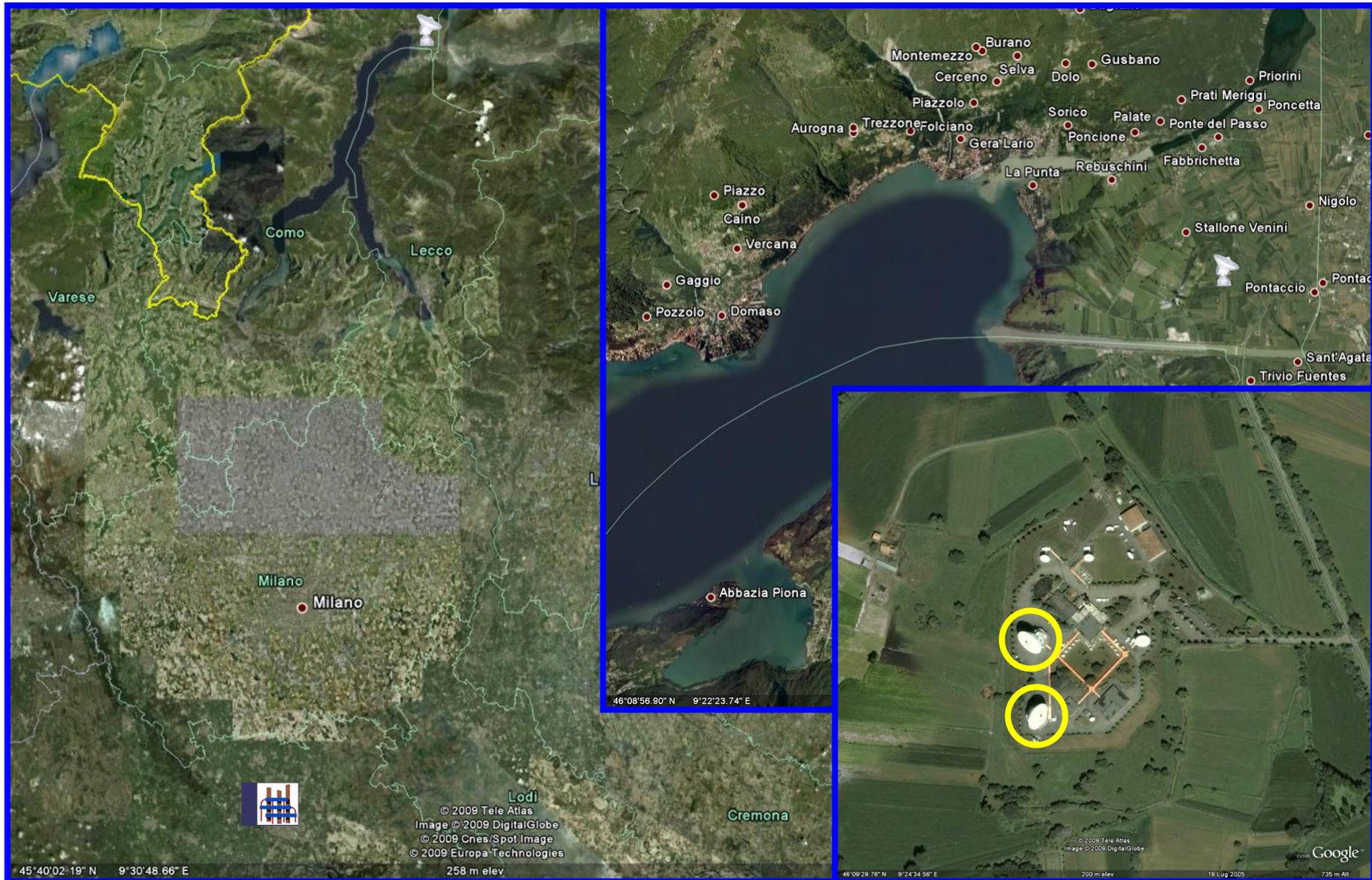
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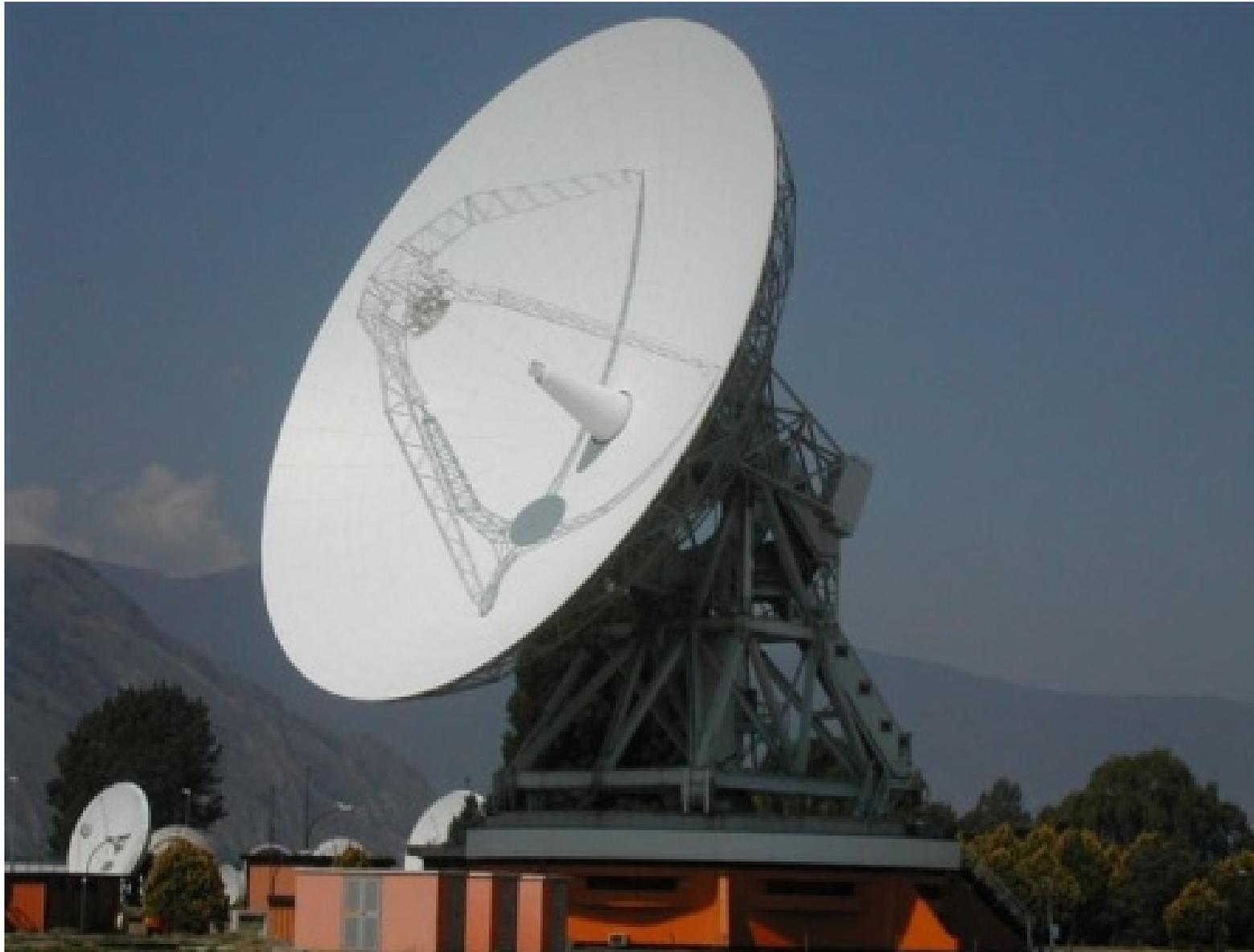
Frequenza: ~ 15 GHz  
Lunghezza d'onda: ~ 2 cm  
Diametro: ~ 30 m  
 $D/\lambda$ : ~ 1500

- Dal 1977
- Satellite italiano SIRIO

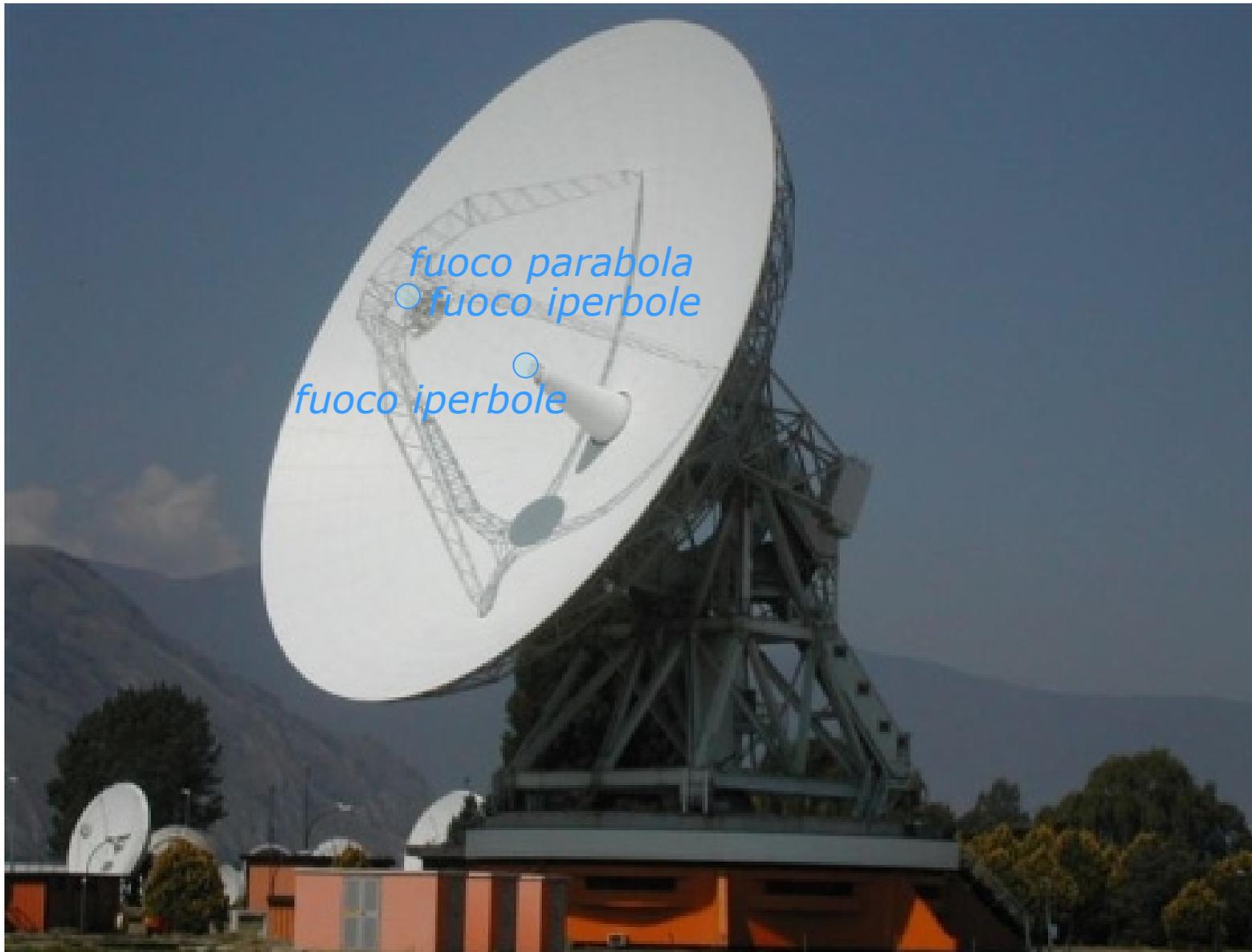
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Università  
di Pavia



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