

in collaboration with  
**Centro di Simulazione Numerica Avanzata – CeSNA**  
**Istituto Universitario di Studi Superiori**

**SEMINAR**

## **Inverse Problems in the Upstream Oil Industry**

The upstream oil industry is concerned with the exploration activity and the production of hydrocarbon field. The technology is a key point in these activities as the objectives are more and more complex. Numerical techniques are at the heart of much of the technology used because they allow for the interpretation of acquired data on the field.

When the physics is governed by PDE very often the interpretation leads to inverse problems. In this talk we give some insight into an inverse problem in geophysics.

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***Tuesday, February 25, Aula MS1, 11.00***  
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