

# e-Infrastructures for medical research and clinical praxis: achievements and the way forward

chaired by Enzo Valente (GARR)

**Friday, 22 February 2013 from 10:00 to 16:00 (Europe/Rome)  
at Rome ( Sala Turina )**

**Description** By showcasing the achievements of FP7-DECIDE, as well as of the neuGRID and N4U projects, the workshop intends to demonstrate the potential of the e-Infrastructure approach in providing support to more accurate and earlier diagnosis, while offering sustainable, cost-effective and scalable solutions to Public Health systems that are more and more open to economic and demographic challenges. ICT has often been seen as a key to keeping the Public Health expense under control, without posing unacceptable constraints in terms of quality and openness of the service offered to citizens, and even improving it.





DECIDE is conceived to work along these lines by shaping existing eInfrastructures into a innovative service for assisted diagnosis, while striving to ensure the actual usability and exploitability of the service in real-life clinical settings. Our assumptions are that:

1. earlier diagnosis can help improving the patients' life and the effectiveness of cares provided.
2. quantitative algorithms and the automated querying of reference databases used in research can be exploited in a clinical environment to provide earlier and more accurate diagnosis and, for non-invasive clinical examinations (such as EEG) for preventive screenings.

**How to reach the venue:** <http://www.salute.gov.it/ministero/sezMinisteroEnglish.jsp?id=828&label=sedi>

**Support** [info@eu-decide.eu](mailto:info@eu-decide.eu)

## Friday, 22 February 2013

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| 10:00 - 10:45 | <b>Welcome coffee and registration</b>   |
| 10:45 - 11:00 | <b>Welcome and introduction 15'</b><br>Speakers: Prof. Enzo Valente (GARR), Dr. Gaetano Guglielmi (Italian Ministry of Health)   |
| 11:00 - 11:45 | <b>ICT in aging and dementia research: a European perspective 45'</b><br><i>A keynote speech discussing the ways in which ICT can help the Public Health Systems, and specifically the clinical neuro sciences, to meet demographic, economic and scientific challenges by providing affordable and quality Health Services</i><br>Speaker: Prof. Stefano Cappa (Universita' Vita-Salute San Raffaele, Milano)<br>Material: <a href="#">Slides</a>  |
| 11:45 - 12:15 | <b>Making e-Infrastructures easy: the Science Gateway approach 30'</b><br><i>An high-level overview of the science gateway approach and of the reasons why it can make a difference in the uptake of algorithms relying on distributed computing and storage resources, bringing them right on the user's desktop (or pad).</i><br>Speaker: Roberto Barbera (Univ. of Catania and INFN)<br>Material: <a href="#">Slides</a>                         |
| 12:15 - 12:45 | <b>e-Infrastructures from research to clinical praxis: the DECIDE success story 30'</b><br><i>The presentation will provide a brief overview of the DECIDE works and of key results achieved at the end of the project.</i><br>Speaker: Dr. Giovanni Battista Frisoni (IRCCS Fatebenefratelli)<br>Material: <a href="#">Slides</a>    |
| 12:45 - 13:45 | <b>Lunch break</b>   |
| 13:45 - 14:00 | <b>DECIDE sustainability via sibling projects 15'</b><br><i>To help trigger discussions during the round-table, this session will quickly show with a couple of examples how the DECIDE heritage may be further expanded and extended, allowing for partial sustainability of the infrastructure.</i><br>Material: <a href="#">Slides</a>   |
| 14:00 - 16:00 | <b>Challenges and way ahead</b><br><i>An interactive discussion on sustainability of the model, challenges and strategies to meet them, and the way ahead. The session, organised according to the "unconference" format, will involve:</i> <ul style="list-style-type: none"> <li>• Early adopters</li> <li>• Spin-off projects</li> <li>• Ministry and EC officers</li> </ul> Convener: Dr. Giovanni Battista Frisoni (IRCCS Fatebenefratelli Brescia), Dr. Fulvio Galeazzi (Consortium GARR)  |