



*The Health-e-Child Final Conference:  
Improving Outcomes by Personalizing Diagnosis and Treatment Selection in Paediatrics  
In Sestri Levante, Italy. 23 - 24 April 2010*



## Conference Objectives

Health-e-Child, an FP6 ICT for Health integrated project, started work in 2006 with €12m in funding and the goal of developing a Grid-powered platform for clinical diagnosis support and research in paediatrics, based on the vertical and horizontal integration of biomedical data and knowledge.

The consortium has succeeded in developing

- a Grid-based platform which clinicians and researchers are using to securely share anonymised clinical data across four European paediatric centres of excellence,
- tools to automatically curate the database, browse patient data by utilising graphical knowledge representation, perform similarity searches and implement knowledge discovery investigations,
- a new MRI-based scoring system for juvenile idiopathic arthritis,
- personalised heart models for advanced diagnosis and intervention planning in cardiology, and
- a brain tumour growth model to interpolate growth between two time instances.

Following four years of development, a series of awards from major international conferences culminating in the first prize at ICT08 and European-wide press recognition, in April 2010 the Health-e-Child consortium would like to discuss, compare and assess its results with stakeholders from the relevant worldwide research communities, trying also to envisage the social impact of innovation on paediatric healthcare.

It is with great pleasure that the Health-e-Child consortium invites you to our final conference in the beautiful town of Sestri Levante, Italy, where we look forward to discussing the project's work as well as the state of the art and road ahead for personalised healthcare in paediatrics.

