

## THE MEETING AT A GLANCE



### CDSSs – What's new?

State-of-the-art CDSSs presented for the first time by the MD-Paedigree developers from different European research institutions



### Meet experts

World-renowned clinicians all in the same place, discussing best applications and use case scenarios of CDSSs in the clinical setting



### Validation challenge

How to bring innovation in clinical practice? Let's discuss models validation and applicability in the clinical routine

## CONSORTIUM



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[www.md-paedigree.eu/conference](http://www.md-paedigree.eu/conference)



MD-PAEDIGREE

## FROM ALGORITHMS TO CLINICAL DECISIONS

MD-Paedigree Final Conference,  
Rome, 22-23 May, 2017

Ospedale Pediatrico Bambino Gesù  
Auditorium S. Paolo  
Viale Ferdinando Baldelli, 38

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The **MD-Paedigree Final Conference “FROM ALGORITHMS TO CLINICAL DECISIONS”** will travel through the most innovative clinical decision support systems in paediatric cardiology, rheumatology and neurology implemented throughout the four years of the MD-P project, to be presented by their developers from all around Europe.

The meeting will be also the occasion to discuss with world-renowned physicians of the field the results of the **clinical validation of the newly-developed computational models and bioinformatic tools with actual patients’ data**, as well as to foresee their **potential application and possible use case scenarios in the clinical setting**, to have an insight of the eHealth-based personalised medicine of the forthcoming future.

## PROGRAMME

Day one (22<sup>nd</sup> May)

Day two (23<sup>rd</sup> May)

### PARALLEL WORKSHOPS ON MD-PAEDIGREE OUTCOMES

**The importance of modifying cardiologic risk factors in children and adolescent**

*Tammo Delhaas, Maastricht University*

**The role of modelling in the analysis of Neurological and Neuromuscular Disorders**

*Adam Shortland, Consultant Clinical Scientist, Guy’s & St Thomas’ NHS Foundation Trust*

**Juvenile Idiopathic Arthritis – from disease assessment to therapy** - Rolando Cimaz, Meyer Children’s Hospital

**Genetics and Metagenomics – promises, problems, and application scenarios** - Maria Krestyaninova, Uniquer

**The role of digital e-infrastructure and data analytics tools for clinical research and everyday clinical practice**  
*Alberto Sanna, Ospedale San Raffaele*

**Ethical and legal implications of MD-Paedigree’s vision**  
*Rocco Panetta, Italian Compliance Forum*

### PLENARY CONFERENCE SESSION

*Chair: Mariella Enoc, President, Ospedale Pediatrico Bambino Gesù*

**Big Data from Horizon 2020 to FP9**

*Marco Falzetti, Agenzia per la Promozione della Ricerca*

**Public health genomics towards personalised medicine**  
*Walter Ricciardi, Istituto Superiore di Sanità*

**Personalised medicine’s impact at the European level**  
*Carmen Laplaza Santos, DG Connect, European Commission*

**Big Data and data analytics in healthcare**  
*Torsten Niederdrank, Siemens Healthcare GmbH  
Patrick Ruch, HES-SO*

### PLENARY CONFERENCE SESSION

*Chair: Bruno Dallapiccola, Scientific Director, Ospedale Pediatrico Bambino Gesù*

**The clinical potential of Meta Omics**

*Ted Dinan, APC Microbiome Institute; Bruno Dallapiccola*

**What can be the role of CDSSs in paediatric clinical practice**

*Anthony C. Chang, iSPI; Edwin Morley-Fletcher, Lynkeus*

**How to win the validation challenge**

*Marcello Chinali, Ospedale Pediatrico Bambino Gesù; Marco Viceconti, INSIGNEO; Liesbeth Geris, Director, VPH Institute; Marta Bertolaso, Biomedic Campus; Thomas Geijtenbeek, TU Delft*

**How to guarantee the ongoing availability of research data. From local availability to distributed access**

*John Ioannidis, Stanford University; David Manset, Gnùbila*

**The ethical and legal framework for within which can operate a model-driven health data repository**

*Laura Palazzani, Libera Università Maria Santissima Assunta*

**The value of a common, transnational and digitally trustable infostructure**

*Benoit Schoeffler, Almerys; Yannis Ioannidis, Athena RIC*

### INTERNAL REVIEW SESSION

*Chair: Bruno Dallapiccola*

**Plenary summary of MD-Paedigree outcomes and internal reviewers’ assessments**

*Alex Jones, Gabriele Rinelli, Tammo Delhaas, Alberto Martini, Rolando Cimaz, Jaap Harlaar, Adam Shorthand, Lorenza Putignani, Maria Krestyaninova, David Manset, Alberto Sanna, Marcello Chinali, Marta Bertolaso*