

PROGRAMME

Sunday July 10

19.00 – 21.00 Registration & informal get together, Restaurant Fitland Hotel

Monday July 11 Historical Overview & Data Capture

Take away: *We are the new generation of information scientists*

9.15 Opening by Prof. **Ton Raap** (LUMC)

9.30 Dr **Erik. Schultes** (LUMC & LIACS) – The growth of knowledge

10.20 Prof **Barend Mons** (LUMC) – Data stewardship & FAIR Data

11.20 **Keynote:** Dr **Myles Axton** (NPG Nature Genetics) – Big Science is Open Science

13.30 Dr **Luiz Bonino** (VU, DTL) – Ontology engineering

14.20 Dr **Katy Wolstencroft** (LIACS) – Rightfield: Semantic Annotation of Data

15.05 Summary & preview Day 2

16.30- 17.30 Rector's reception, welcoming words by Drs. Willem te Beest, vice president Executive Board Leiden University

Tuesday July 12 Linking Data

Take away: *Making data 'sharable'*

9.30 Dr **Marco Roos** (LUMC) – Linking data & BYOD

10.20 Dr **Paul Groth** (Elsevier) – Recent advances at Elsevier Labs

11.20 **Keynote:** Prof. **Frank van Harmelen** (VU) – Rise of the Social Machines

13.30 Prof. **Jaap van den Herik** (LCDS) & **Rob van Eijck** (Leiden University) – Big Data and Judicial Decisions

14.20 Student discussions/presentations

15.30 Summary & preview Day 3

17.30- 18.30 Reception at Town hall, welcoming words by Dr. Marleen Damen, municipal executive councilor,

Wednesday July 13 Publication and Curation of Data

Take away: *New modes of digital communication and exchange*

9.30 Dr **Tobias Kuhn** (VU) – Nanopublications

10.20 **Keynote:** Dr **Francoise Genova** (Observatoire de Strasbourg) – The Astrophysics Data Ecosystem

11.35 Dr **Ignasi Labastida** (Creative Commons) – Digital licensing

13.30 Dr **Mark Thompson** (LUMC) – Manual, machine & community annotation; annotator tools demo

14.00 Open Science Framework (Center for Open Science) video link, by Mark Spitzer and Dr **Courtney Soderberg**

14.50 Student discussions/presentations

15.30 Summary & preview Day 4

17.00- 19.30 Visit Anatomic Museum & Leiden boat tour (departure 18.00), Leiden Center

Thursday July 14 Analysis Across Data Sets

Take away: *What becomes possible when data is interoperable*

9.30 Dr. **Eleni Mina** (LUMC) –Huntington Disease: a case study

10.20 Prof. **Mark Wilkinson** (UPM) – Behind the scenes of the FAIR Skunk Team

11.20 **Keynote:** Dr **Nicky Hekster** (IBM) – Watson for Medicine

13.30 Dr **Kristina Hettne** (LUMC) – Gene-Disease Associations: Concept profiles & the implicitome

14.20 Student discussions/presentations

15.30 Summary & preview Day 5

19.00 -21.00 LERU Summer School dinner, dinner speech by Prof David Bogle, UCL & Chair LERU Doctoral Studies Community

Friday July 15 Open Science

Take away: *Putting it all together: Data ecosystems*

9.30 **Jan van Rijn**: OpenML

10.20 **Keynote Closure:** Dr **Paul Ayris** (UCL/LERU) – The future infrastructure for Open Science

11.35 Final discussion and departing remarks