

# Technologies for Digital Life

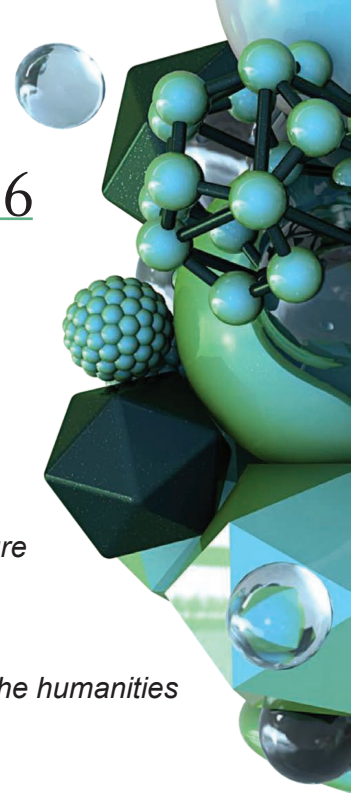
2016

20-21. October, SAS Radisson Blu, Bryggen, Bergen

## Program

### Day 1 - October 20th

- Chair: *Rune Kleppe*
- 10:00-10:05 Welcome
- 10:05-10:20 Inge Jonassen/Rune Kleppe: *DLN and the competence and infrastructure networks*
- 10:20-10:30 Jacob Wang: *Norwegian Infrastructures for Biotechnology*
- 10:30-10:45 Anders Goksøyr: *Needs and challenges in DLN projects - dCod 1.0*
- 10:45-11:00 Dorothy Dankel: *Adventures as a RRI cross-over researcher: Bringing the humanities into research and innovation projects*
- 11:00-11:15 Coffee
- Chair: *Lex Nederbragt*
- 11:15-11:30 Kjetill Jakobsen: *The Norwegian Sequencing Centre*
- 11:30-11:45 Ola Myklebost: *The Norwegian Cancer Genomics Consortium*
- 11:45-12:00 Finn Drabløs: *Medical bioinformatics (ELIXIR)*
- 12:00-12:15 Frode Berven: *PROBE/NorProteomics*
- 12:15-12:30 Harald Barsnes: *Bioinformatics for Proteomics*
- 12:30-13:00 **Discussions**
- 13:00-14:00 Lunch
- Chair: *Mette Langaas*
- 14:00-14:15 Tonje Lien: *Penalised regression for integration of gene expression and methylation data*
- 14:15-14:30 Nils Peder Willassen: *Marine Bioinformatics (ELIXIR)*
- 14:30-14:45 Manuela Zucknick: *Predicting drug response in personalized cancer therapy: An example of statistical learning as a technology for digital life*
- 14:45-15:00 Fatemeh Ghavidel: *Statistical methods for integration of omics data*
- 15:00-15:15 Stefan Bruckner: *Data visualization*
- 15:15-15:45 **Discussions**
- 15:45-16:00 Coffee
- Chair: *Eivind Hovig*
- 16:00-16:15 Arne Smalås: *The NorStruct and NORCRYST infrastructures*
- 16:15-16:30 Paul Berg: *NorOpenscreen*
- 16:30-16:45 Sonia Gavasso: *CELLMASS – Single cell analysis*
- 16:45-17:00 Stein-Erik Gullaksen: *CytBase*
- 17:00-17:20 Oddmund Bakke: *The Norwegian EuroBioimaging network & NALMIN*
- 17:20-17:50 **Discussions**
- 17:50-18:20 Summarizing/Poster/stands
- 19:00 **Dinner**



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### Day 2 - October 21st

- Chair: *Fatemeh Ghavidel*
- 09:00-09:15 Opening remarks
- 09:15-09:30 Kay Gastinger: *NorFab - National infrastructure for micro- and nanofabrication*
- 09:30-09:45 Susanne Gitlesen: *Fermentation processes and upscaling - Infrastructure for industrial biotechnology*
- 09:45-10:00 Geir Klinkenberg: *Biotechnology R&D infrastructure platforms at SINTEF*
- 10:00-10:30 **Discussions**
- 10:30-10:45 Coffee
- Chair: *Rune Kleppe*
- 10:45-11:00 Inge Jonassen: *ELIXIR Norway*
- 11:00-11:15 Eivind Almaas: *ISBE - Systems Biology*
- 11:15-11:30 Per Bruheim: *Metabolomics and data integration*
- 11:30-11:45 Øyvind Halskau: *The Norwegian NMR Platform - NMR applications*
- 11:45-12:15 **Discussions**
- 12:15-12:30 Coffee
- Chair: *Inge Jonassen*
- 12:30-12:45 Hans Ekkehard Plesser: *Human Brain Project - European infrastructure for neuroscience*
- 12:45-13:00 Klaus Johannsen: *Center for Big Data Analysis*
- 13:00-14:00 Lunch
- 14:00-14:15 Arvid Lundervold: *In vivo imaging and image analysis*
- 14:15-14:45 **Discussions**
- 14:45-15:00 Evaluation

