

**DDLS Research area symposium:  
Data-Driven Evolution and Biodiversity Research**  
*Europasalen, Medicinaregatan 20A Gothenburg, Sweden  
or Zoom, link sent upon registration*

## Program Thursday, September 8

- 12:00 LUNCH will be served
- 13:00 **Introduction to the DDLS initiative (virtual)**  
*Siv Andersson, Professor, Uppsala University*
- 13:10 **DDLS Evolution and Biodiversity**  
*Fredrik Ronquist, DDLS Research Area Lead, Professor, Swedish Museum of Natural History*
- 13:20 **Keynote: Evolutionary genomics, the Norwegian Earth BioGenome initiative and ERGA**  
*Kjetill Jakobsen, University of Oslo*
- 13:50 **Environmental DNA in the genomic decade**  
*Tom van der Valk, DDLS Fellow, Swedish Museum of Natural History*
- 14:20 Discussion
- 14:30 COFFEE
- 15:00 **Keynote (virtual): Advancing biodiversity conservation through big data and new technologies**  
*Alexandre Antonelli, Royal Botanic Gardens, Kew*
- 15:30 **Big data approaches for assessing biodiversity value and potential**  
*Tobias Andermann, DDLS Fellow, Uppsala University*
- 16:00 Discussion
- 16:10 **Tree-ring genomics understanding adaptive response to changing climate**  
*Kelly Swarts, DDLS Fellow, Swedish University of Agricultural Sciences*
- 16:40 Discussion
- 16:50 **Conclusion of the first day**  
*Fredrik Ronquist*
- 17:00 End of the first day
- 19:00 **SYMPOSIUM DINNER** at [Koks](#), Vasagatan 9, Gothenburg.  
Attendance is optional, and the cost is at the participant's responsibility.

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## Program Friday, September 9

- 8:30      **Keynote: New techniques resolve old questions: speciation in snails**  
*Kerstin Johannesson, Professor, University of Gothenburg*
- 9:00      **Planetary Biology**  
*Olga Vinnere Petterson and Stefan Bertilsson, Scientific Leads, Planetary Biology  
Capability, SciLifeLab*  
**Swedish node of ERGA**  
*Olga Vinnere Petterson and Jacob Höglund, Professor, Uppsala University*
- 9:30      **The Planetary Biology Lighthouse Project; Transversing European Coastlines  
(TREC)**  
*Paola Bertucci, Scientific Expedition Manager, EMBL Heidelberg, EMBL/TREC project*
- 10:00      COFFEE
- 10:30      **Infrastructure support and collaboration opportunities for data-driven  
evolution & biodiversity research**
- **Wallenberg Autonomous Systems and Software Program**  
*Anders Ynnerman, Professor, Linköping University*
  - **Mathematical biology in Sweden**  
*Serik Sagotov, Professor, and Dr Moritz Schauer, Chalmers University*
  - **Swedish High-Performance Computing: What comes after SNIC? (virtual)**  
*Matts Karlsson, Professor, Linköping University*
  - **SciLifeLab and DDLS Data Centre**  
*Johan Rung, Head of Data Centre, SciLifeLab*
  - **National Bioinformatics Infrastructure Sweden**  
*Henrik Lantz, Joint Head of Facility Support and Infrastructure, NBIS*
  - **Swedish Biodiversity Data Infrastructure**  
*Acting Director Fredrik Ronquist, Professor, Swedish Museum of Natural History*
  - **DDLS Data Science Node in Evolution & Biodiversity**  
*Bengt Persson, Professor, Uppsala University*
  - **InfraVis: National visualization competence centre**  
*Anders Ynnerman, Professor, Linköping University*
- 11:30      **Discussion: DDLS initiative and data-driven evolution and biodiversity  
research: where next?**  
*Moderator: Fredrik Ronquist*
- 12:00      LUNCH will be served

Registration and more information about the event and  
SciLifeLab & Wallenberg National Program for Data-Driven Life Science  
[www.scilifelab.se](http://www.scilifelab.se)