# Summary and Conclusions
# Swiss Research Data Day 2018

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# My very subjective summary of the talks…

- Ulrich Weidmann: *In the last 25 year, we have come a long way with scientific data.*

- Kilian Stofel: *The landscape of open data / open science in CH is moving quickly.*

- Pierre-Yves Burgi: *The DLCM project has done substantial work towards meaningful data services for researchers.*

- Marjan Grootveld: *Today, we have all the means to setup trustworthy scientific data repositories.*

- Sarah Kenderdine: *Data can be beautiful!*

- Donat Agosti: *It can be hard to get data out of their PDF prison while keeping context.*

- Ernst Hafen: *Personal health data needs to be controlled by the individual it belongs to.*

- Rok Roskar: *We need better tools to capture and make reusable the knowledge graph of scientific investigations.*

# … and break-out sessions

- Hands-on workshop on writing and working with Data Management Plans

- Demo & hands-on on cross-linking data artefacts in Zenodo

- Networks to the rescue: Science IT and Data networks for supporting (reproducible) research and data management & sharing

- First-hand experience on working with Personalized Health data in research

- Show case of how to share brain research data in the Human Brain Project Platform

# It's all about the data, stupid…*

*Internet pioneers Lawrence Roberts, Robert Kahn, Vinton Cerf and Tim Berners-Lee

FAIR Data

Data Sharing

Citizen Data

Knowledge Graphs
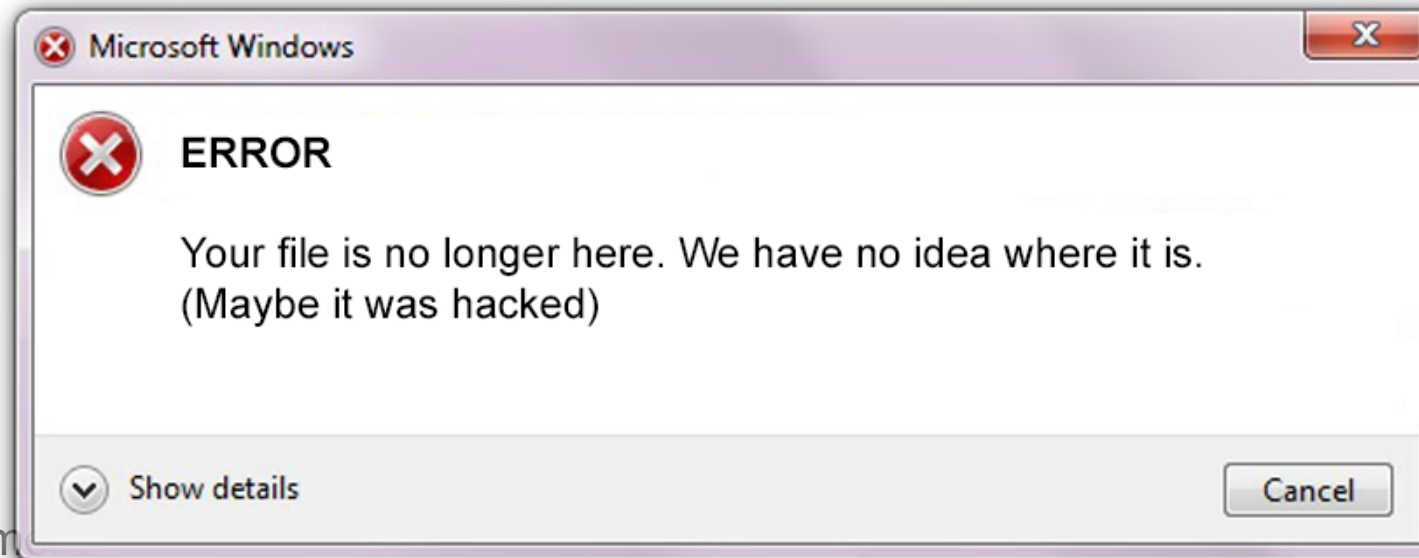
Open Data

Data Management

Reproducible Data Analysis

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Citizen Data

Data Managem



Reproducible Data Analysis

# Different Perspectives

- Researchers

- Data and Science IT Practioners and Professionals

- Librarians

- Funders

# Conclusions

- On various levels, a lot is moving in the (scientific) data world!

- New thinking is emerging:
  *Consider research data in their own right!*

- Data and Data Support **networks** are key!  DLCM    EnhanceR | Enhancing Research through IT Expertise

- **Big open question**: How to make data resources and services **sustainable**?

IT Services

# Conclusion: Environment of Research Data is changing

*Different thinking required:*

- Consider high-quality scientific data as research **outcomes in their own right**

- Sharing data and preparing data for sharing are **scientifically valuable activities**

- Data Services and Resources are fundamentally required and **they are not for free**

# Thank you!

- Speaker and Break-out Session Organizers

- Event Organizers

- ETH for hosting us

- Project Data Life Cycle Management

- Program P5 "Scientific Information" of **swissuniversities**