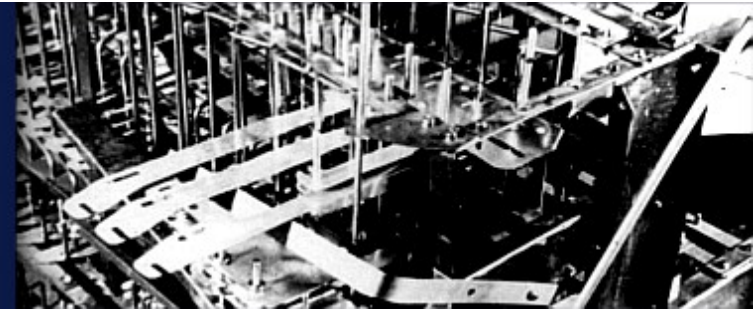




**Konrad Zuse  
Internet Archive**



**Julian Röder  
Institute of Computer Science**

Freie Universität



Berlin

# What we do - Project Zuse



## Konrad Zuse (1910-1995)

- born in **Berlin**
- **computer pioneer**
- inventor of one of the world's **first** functional program-controlled Turing-complete **computing machines** (binary floating point calculator based on telephone relays)
- inventor of one of the **first** high-level **programming languages**

# What we do - Legacy

**Freie Universität Berlin**  
**Institute of Computer Science**  
**Supervisor: Prof. Dr. Raúl Rojas**

## **1999: First Zuse project started**

- **photocopies** of documents
- worked with a **conventional scanner**
- **PDFs** to download
- **titles**, chronological and thematic order
- some **transcripts**
- only a **few documents**
- building the **first version** of the Konrad Zuse Internet Archive
- **outstanding achievements** at that time (14 years ago)
- established as one of the **leading sources** about Zuse

# What we do - Digitalization of Zuse's private papers

**2010: the new Zuse project started**

- year of Zuse's **100th birthday**
- supported by the **German Research Foundation**
- cooperation partner **Deutsches Museum**
- assisted by the **Zuse Institute Berlin**
- **all documents** from his private papers
- access to the **originals**
- sketches, photos, manuscripts, typescripts, prints, slides
- **unpublished** materials
- untransliterated **shorthand notes**
- high quality **scans** (professional scanner, high resolution)

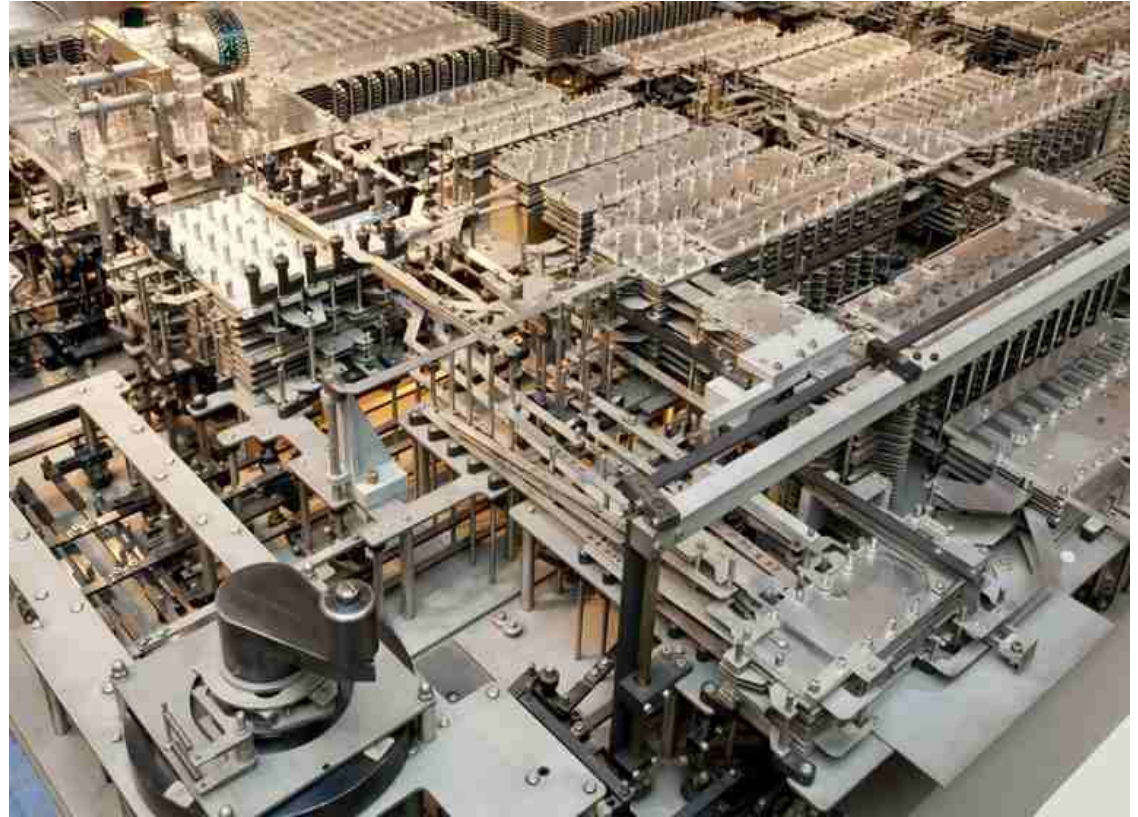
**DFG**

Deutsches Museum



# Why we do this - Publish and preserve

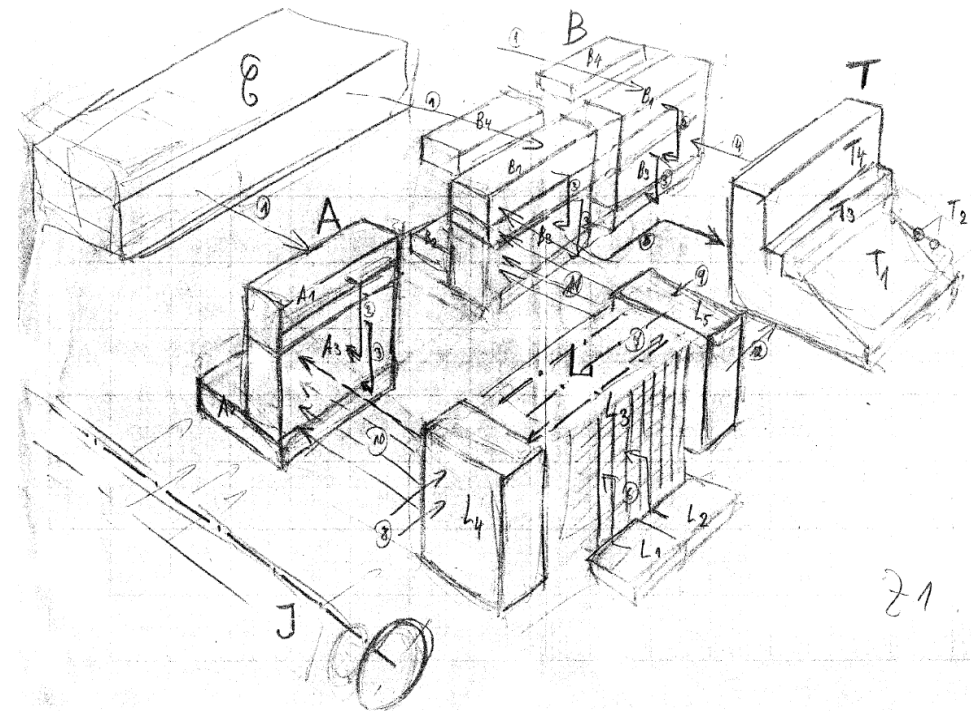
- **online publishing**
- **open access**
- **digital primary source**
- linking **scans** and **professional articles**
  
- **cultural heritage**
- **history of computing**
- understanding of **modern computers**
- for **researchers**
- for **students**
- for **pupils**
- basically for **everybody**



# How we use imeji

imeji

- about **18000 images**
- different **formats** and **sizes** (lossless and for internet)
- complex **metadata** due to heterogenous material
- contribute to develop imeji in the **community**
- built a new front end **theme**
- built a new **drop down menu** navigation
- heavy **crosslinking** between pages



Thank you for your attention!

Questions?

julian.roeder@fu-berlin.de

**<http://zuse.zib.de>**