We are looking for experts in one of the following fields (4 positions to be filled):

**fields**
- code and network analysis
  - computer scientists, software engineers, programmers, scholars from applied digital media studies can trace and provide insights with their ability to analyse source code, data and networks!

**targets & tasks**
- study and document processes of program mechanics on the source code level
- develop strategies on how to communicate the relevant issues to a more general academic public (humanities)
- summarise network and traffic analysis
- prototype and conceptualise internet topologies around specific artworks

**skills**
- analysis of web development, network structures, protocols and applications
- programming skills
- tinkering abilities and intuition how to trace and revive severed systems
- fluency in a variety of tools for graphics, animation, rendering, game development or visualization
- have a sense for basic research including critical self-reflection

**general**
- you hold a university degree (Master's or PhD degree or equivalent) in a relevant subject area
- you will contribute to the team's goal of merging the methods from the fields of visual design, computer science, software studies and art history and discussing their theoretical limits and possibilities.
- you engage in a close cooperation with your team members to conceptualize novel visualisations of unseen software processes/structures
- you support the organization of workshops and project meetings and contribute to the joint Mendeley projects
- you engage in your academic/creative contexts and present the research results in workshops and conferences worldwide
- ideally you have overlapping interests across the complementary fields outlined above, for instance as a programmer-artist, a historian-hacker, or as tinkerer-theorist

Our international team will consist of 5+ specialists from the fields of computer science, code and network analysis, information visualization, multimedia, art history, media or software studies. COSE will be part of the exciting Karlsruhe new media art landscape!

Does it sound like a perfect match? Please apply and join us!
We offer

- an attractive and modern workplace with access to the excellent equipment of one of the most distinguished technical universities in Germany (current "excellence status")
- a varied and responsible job
- a wide range of further training opportunities
- the world-renowned ZKM | Center for Art and Media Karlsruhe is our cooperation partner

qualification / flexibility

you can apply as pre- or post-doctoral researcher, and seek full-time or part-time employment (we simply look for the best talent!)

affiliation / location

Institute of Art and Architectural History
Karlsruhe Institute of Technology
Engenstr. 7
D-76131 Karlsruhe
Germany

salary

internationally competitive remuneration on the basis of the wage agreement of the German civil service TV-L (depending on your qualification level)

contract duration

up to 5 years

starting date

September 1st, 2022, or as soon as possible thereafter

application date

August 15th, 2022, open until filled

application

please submit your application
- CV
- Portfolio (if applicable)
- cover letter with motivation statement
to helga.techner@kit.edu

inclusion

- we cherish diversity and internationality. Therefore, we kindly encourage applicants from all backgrounds and identities to apply
- if qualified, handicapped applicants will be preferred
- researchers from Ukraine are especially encouraged to apply

services

KIT is certified as a family-friendly university and offers part-time employment, leaves for family-related reasons, dual career options, and individual coaching for family-work balance

questions?

contact the PI

For further information please contact
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