STS-HUB.de 2023 "CIRCULATIONS"
March 15th-17th 2023 at Human Technology Center Aachen

Call for abstracts for the panel
"Circulations of Knowledges in Digital Medical Applications"

In medicine what is considered as knowledge is especially contested because the field greatly influences knowledge in other fields and other fields also influence how and which knowledge is constructed in medicine. We see this in archives of standardized knowledge that get circulated a lot also in other disciplines, such as brain atlases, anatomy books and the like (conceptualized by Susan L. Star as boundary objects). With new technologies and new digital applications also new disciplines and stakeholders get involved and claim their say. E.g., (bio)medical applications based on artificial intelligence are being developed by teams of medical and technical experts, ethicists, legal advisors, and others, such as it is intended in the ELSI (ethical legal sociological implications) framework mandatory for BMBF projects. The new working alliances raise questions about how knowledge is created, translated, passed on, and create new relationships of dependency. Feminist STS has a long tradition in criticizing (hegemonial) knowledge and analyses how knowledge is formed (or constructed), who is involved with which power and which consequences result thereof. By providing important analytical tools to ask about the production of knowledge and its effects, feminist STS makes an important critical contribution.

This panel aims to discuss the circulation of knowledge in/with/and through digital medical applications from a feminist STS view. Examples could be the analysis of:
- circulations of knowledge in empirical studies on inter-/and transdisciplinary development and application of such devices;
- (shifting) power hierarchies through the circulation of knowledge in medical applications;
- social inequality through different access to digital applications;
- the role of interdisciplinary work in the development and implementation of digital medical applications
- the consequences for users and the importance of users in the development of digital devices
- suitable methodological frameworks for the analysis of these circulations in medical applications; and others.

SUBMISSION OF ABSTRACT

Please send your English abstract (**300 - 500 words**) and a short biographical note including, name, affiliation and ORCID number (if available) until **October 16th 2022** to **all two** panel organizers:

Renate Baumgartner, Center of Gender and Diversity Research at the University of Tübingen, renate.baumgartner@uni-tuebingen.de

Tamara Schwertel, Institute for History, Theory and Ethics of Medicine at the University Medical Center Mainz, t.schwertel@uni-mainz.de