



DEPARTMENT OF APPLIED INFORMATION TECHNOLOGY

TIA016 Digital Infrastructure, 15 credits

Digital infrastruktur, 15 högskolepoäng

Second Cycle

Reading list for TIA016, to be valid from autumn semester of 2020

Reading list was confirmed by Department of Applied Information Technology on 2020-06-18 to be valid from 2020-08-31.

See appendix.



DEPARTMENT OF APPLIED IT

TIA016 Digital Infrastructure, 15 credits

Digital infrastruktur, 15 hp

Second Cycle/ Avancerad nivå

The reading list was confirmed on 2020-06-18 to be valid from 2020-08-31.

Books and articles

- Bowker, G. C., Baker, K., Millerand, F., & Ribes, D. (2009). Toward information infrastructure studies: Ways of knowing in a networked environment. In *International handbook of internet research* (pp. 97-117). Springer Netherlands.
- Chen, P. Y., & Forman, C. (2006). Can vendors influence switching costs and compatibility in an environment with open standards? *MIS Quarterly*, 541-562.
- Ciborra, C. (2000). A critical review of the literature on management of corporate information infrastructures. In Ciborra (eds) *From control to drift: the dynamics of corporate information infrastructures*. Oxford University Press on Demand.
- Clement, A., McPhail, B., Smith, K L., and Ferenbok, Joseph. (2012). Probing, mocking and prototyping: participatory approaches to identity infrastructuring. In *Proceedings of the 12th Participatory Design Conference: Research Papers - Volume 1* (PDC '12), Vol. 1. ACM, New York, NY, USA, 21-30
- De Angeli, A., Bordin, S., & Menéndez Blanco, M. (2014). Infrastructuring participatory development in information technology. In *Proceedings of the 13th Participatory Design Conference: Research Papers - Volume 1* (PDC '14), Vol. 1. ACM, New York, NY, USA, 11-20.
- De Reuver, M., Sørensen, C., & Basole, R. C. (2016). The digital platform: a research agenda. *Journal of Information Technology*, 1-12.
- Edwards, W., Newman, M., & Shehan Poole, E. 2010. The infrastructure problem in HCI. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI '10). ACM, New York, NY, USA, 423-432.
- Gizaw, A. A., Bygstad, B., & Nielsen, P. (2016). Open generification. *Information Systems Journal*, 27(5), 619-642
- Hanseth, O., & Lyytinen, K. (2010). Design theory for dynamic complexity in information infrastructures: the case of building internet. *Journal of Information Technology*, 25(1), 1-19.

- Hanseth, O., Jacucci, E., Grisot, M., & Aanestad, M. (2006). Reflexive standardization: side effects and complexity in standard making. *MIS Quarterly*, 563-581.
- Henfridsson, O., & Bygstad, B. (2013). The generative mechanisms of digital infrastructure evolution. *MIS Quarterly*, 37(3), 907-931.
- Karasti, H. (2014, October). Infrastructuring in participatory design. In *Proceedings of the 13th Participatory Design Conference: Research Papers-Volume 1* (pp. 141-150). ACM.
- Larkin, B. (2013). The politics and poetics of infrastructure. *Annual Review of Anthropology*, 42, 327-343.
- Mirsadikov, A., Harrison, A., & Mennecke, B. (2016). Tales From the Wheel: An IT-Fueled Ride as an UBER Driver. In *proceedings of AMCIS 2016*.
- Mortier, R., Rodden, T., Tolmie, P., Lodge, T., Spencer, R., Sventek, J., & Koliouisis, A. (2012, October). Homework: Putting interaction into the infrastructure. In *Proceedings of the 25th annual ACM symposium on User interface software and technology* (pp. 197-206). ACM.
- Plantin, J. C., Lagoze, C., Edwards, P. N., & Sandvig, C. (2016). *Infrastructure studies meet platform studies in the age of Google and Facebook*. New Media & Society.
- Rodon, J., & Hanseth, O. (2015). *Stabilization and Destabilization Processes at Work in Digital Infrastructures: The Co-Functioning of Architecture and Governance*.
- Shapiro, C., & Varian, H. R. (1999). *Information rules: a strategic guide to the network economy*. Harvard Business Press. Chapter 5 Recognizing Lock-In, Chapter 6 Managing Lock-In, Chapter 7 Networks and Positive Feedback, Chapter 9 Waging a Standards War
- Star, S. L. (1999). The ethnography of infrastructure. *American Behavioral Scientist*, 43(3), 377-391.
- Star, S. L., & Bowker, G. C. (2006). How to infrastructure. *Handbook of new media: Social shaping and social consequences of ICTs*, 230-245.
- Star, S. L. (2002, April). Got infrastructure? How standards, categories, and other aspects of infrastructure influence communication. In *2nd Social Study of IT Workshop at the LSE ICT and Globalization*.
- Tilson, D., Lyytinen, K., & Sørensen, C. (2010). Research commentary—Digital infrastructures: The missing IS research agenda. *Information systems research*, 21(4), 748-759.
- Zhu, K., Kraemer, K. L., Gurbaxani, V., & Xu, S. X. (2006). Migration to open-standard interorganizational systems: network effects, switching costs, and path dependency. *MIS Quarterly*, 515-539.

Additional literature, to a lesser extent, may be added. If you have impaired reading, please contact the study counsellor at the Department of Applied Information Technology (studievagledning@ait.gu.se), so that we can plan possible additions with due regard to this.

If you have impaired reading, you can also contact the University Library for access to adapted course literature. Adapted course literature includes, for example, talking books, e textbooks or Braille. You must personally certify that your ability to read is impaired. The Swedish Agency for Accessible Media records and produces adapted course literature. It takes time to produce adapted course literature, so it is therefore important to contact the University Library in good time before the start of your course.