

Laboratory / Center profile

Architecting Laboratory

Representative: Associate Professor Seiko Shirasaka, Professor Takashi Maeno



Discussing a product of Mr. Tago



Explanation of architecture by Mr. Tago, a designer

Research Area

The Architecting Laboratory conducts research into “architecting”, which is a methodology applied to creating structures of systems and can be used for technological systems and social systems. It is increasingly attracting attention as a methodology essential for designing new systems and mechanisms. In addition to IT and software architects, there is a growing demand for social system architects, business system architects and innovation architects. We host weekend seminars for theorizing about common architecting thinking, the kind of abilities that these architects are required to have and for the purpose of using the theories and applying architecting to various systems. PhD students, as well as alumni and external researchers, participate in this laboratory, where they actively contribute themes and exchange opinions.

Acquiring the Basic Knowledge

We carry out activities to acquire fundamental knowledge of architecting by covering the basics such as the ISO42010 Architecture Description and the ISO42030 Architecture Evaluation, which is currently being developed. In addition, we also take turns reading and explaining a classic text, *The Art of Systems Architecting*.

Applying Architecting

With the aim of applying architecting to various systems, we deepen architecture thinking by freely discussing architecture application cases in accordance with the interests of participating students, such as architecture analyses that includes movies, music and *haiku*, as well as the architecture of *kanji* and *jurei* (ghost). Additionally, architecture in the research of each student and society's latest trends regarding the topic are shared and reported in a lively manner.



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