

CIS Talks

Location: **BBBF Meeting Room, Yeditepe University**

Time: **2023-05-31T12:30**

Open to public. All are invited.

On Open Source Software

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Abstract

The aim of this lecture is to introduce and discuss open-source software, present criteria for open source, compare it to closed source, presenting the advantages and disadvantages of each. The history of the open-source movement, including Richard Stallman and the Free software concept, the GNU Project, will be reviewed. Examples of popular open-source software such as programming languages, the world wide web, operating systems with particular emphasis on Linux and office suites will be mentioned. Networking and multimedia applications will be recalled. The commonly used licensing schemes and their gradual evolution towards proprietary forks controlled by corporations such as evolution of the Android system (Google) and the Java language (Oracle) will be mentioned.

Biography

Born in 1944 in Büyükada and completed primary school there in 1955 and graduated from Robert College Secondary (1960) and High School (1963). He received his BS degree from Robert College (now Boğaziçi University) Department of Physics and his MS and PhD degrees from The University of Chicago, with Fulbright and Enrico Fermi scholarships. He worked at Middle East Technical University, Boğaziçi University, Istanbul Technical University and Işık University. He is a retired lecturer at Yeditepe University Physics Department and advisor to the Rectorate of the Faculty of Computer and Information Sciences. He was a visiting researcher and lecturer at Trieste International Center for Theoretical Physics, The University of Southern California, The University of California, Irvine. He supervised 13 doctorate (7 of them as co-advisors) and 15 master's theses. He was awarded the Tübitak Encouragement Award and is an honorary member of the Science Academy. Served as Sedat Simavi Foundation Science Award Jury. Authored 54 articles in international peer-reviewed journals (41 of which are in SCI). He worked as Head of Physics Department at ITU and Marmara Research Center, Head of Physics, Computer Science and Computer and Instructional Technologies Department at Boğaziçi University, Head of Information Technologies Department at Yeditepe University, and was involved in various academic and social activities.