

SHORT BIOGRAPHY

Prof. Dr. Sedat Ölçer

Sedat Ölçer earned his bachelor and doctoral degrees in Electrical Engineering from the Swiss Federal Polytechnic School, Lausanne (École Polytechnique Fédérale de Lausanne, EPFL). He then spent a period of three years in the USA, where he was affiliated with Stanford University (Stanford, CA) and Yale University (New Haven, CT) as a post-doctoral student and research associate.

Thereafter, he joined the IBM Zurich Research Laboratory, Switzerland, where he worked for many years on various projects as a researcher and project manager. His main research areas were digital communications, signal processing and coding, digital data-storage channels and systems (hard-disk and tape technologies), local area networking, and data communications for very-high-speed Internet access. He contributed to the work of several standards organizations (ANSI, ETSI, IEEE, ATM, FDDI, ITU-T). He received many company awards, in particular, the *IBM Corporate Award* and the *IBM Research Outstanding Technical Accomplishment Award* in May 2008 and May 2012, respectively.

In September 2012 he joined the Istanbul Bilgi University, Turkey, as a faculty member of the Electrical Engineering Department of the Faculty of Engineering and Natural Sciences. He was named full professor in May 2013. During the 2015-2020 time period, he was the head of the Department of Computer Engineering as well as the head of the Department of Computer Science. Between 2015 and 2019, he was the director the Graduate School of Natural Sciences of the same university.

He has authored and co-authored many scientific articles that were published in refereed international journals, conference proceedings and as book chapters. He acted as organizer and session chair in numerous international conferences, and was editor and guest editor for many scientific journals. He was named a distinguished lecturer of the IEEE Communications Society and won the Leonard G. Abraham Best Paper Award of the same society in 2003. In November 2005, he was elected IEEE Fellow for his contributions to the field of communications. He has been granted a large number of patents.

Sedat Ölçer's BLOG can be reached with the following link: www.exscientia.org