

**Hatem Najdi,** BSc, MSc, PhD

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**Summery**

He obtained a PhD Degree in digital communication from Loughborouhg University of Technology, UK, in 1982. He worked at the Scientific Studies and Research Center in Damascus, Syria from 1976 till 2017 where he participated in many research and development in digital communication, and taught at the Higher Institute for Science and Technology in Damascus. He occupied several leading positions at the Electronics Research Institute within the Scientific Studies and Research Center, and became a consultant to the Center General Director. He joined the Syrian Private University in 2017.

**Qualifications**

1. PhD, “Digital Data Transmission on Voice Channels”, Loughborough University of Technology, UK.
2. MSc, Digital Communication, Loughborough University of Technology, UK.
3. BSc, Electronic Engineering, Damascus University.

**Scientific positions**

1. Professor at the Syrian Private University.

1995-2017 Director of Research, Scientific and Research Center, Damascus, Syria.

1989-1994 Senior Researcher, Scientific and Research Center, Damascus, Syria.

* 1. Researcher, Scientific and Research Center, Damascus, Syria.

**Managerial Positions**

2004-2017 Consultant to the General Director of the Scientific and Research Center, Damascus, Syria.

2002-2003 Director of the Electronic Research Institute, Scientific and Research Center, Damascus, Syria.

1996-2002 Director of the Research and Development Branch at the Electronic Research Institute, Scientific and Research Center, Damascus, Syria.

1989-1994 Head of speech signal processing group, Scientific and Research Center, Damascus, Syria.

**Awards**

Award of the Custodian of the Holy Mosques for Translation, 2008.

**Committees**

Participated in and headed many specialized scientific committees within the Scientific Studies and Research Center.

**Teaching**

2017-2018 Data Communication, The Syrian Private University.

2017-2018 Information Theory, The Syrian Private University.

1983-2016 Data Acquisition Systems, Higher Institute for Science and Technology, Damascus, Syria.

1983-2016 Data Transmission Systems, Higher Institute for Science and Technology, Damascus, Syria.

1983-2016 Computer Networks, Higher Institute for Science and Technology, Damascus, Syria.

1983-2016 Continuous education courses in Cryptography and Data Security, Higher Institute for Science and Technology, Damascus, Syria.

**Scientific Translation (English to Arabic)**

**Magazines**

1987-2016 Scientific American, for Al Oloom in Kuwait.

2013-now Nature, for Nature Arabic Edition in Cairo.

2016-now Scientific American, for “Scientific American للعلم”.

**Text & Reference Books**

2015 *Advances in HealthcareTechnology, Shaping the Future of Medical Care,* Edited by Gerhard Spekowius & Thomas Wendler*,* Translation published by Arab Organization for Translation, Beirut.

2015 *Agriculture Research & Technologies,* Kristian Bundgaard and Luke Isaksen*,* Translation published by Arab Organization for Translation, Beirut.

2013 *Construction Technology: Analysis and Choice,* Tony Bryan*,* Translation published by Arab Organization for Translation, Beirut.

2013 *Introduction to Agricultural Engineering Technology: A Problem Solving Approach,* Harry L. Field and John B. Solie,Translation published by Arab Organization for Translation, Beirut.

2012 *Electronics and Communications for Scientists and Engineers,* Martin Plonus*,* Translation published by Arab Organization for Translation, Beirut.

2012 *Review of the translations of chapters 8-15 of Introduction to Nanoscale Science and Technology,* David J. Lockwood*,* Translation published by Arab Organization for Translation, Beirut.

2011 *New Materials: Processes, Methods and Technology,* Mel Shwartz,Translation published by Arab Organization for Translation, Beirut.

2011 *Nanotechnology: A gentle Introduction to the Next Big Idea,* Mark and Daniel Ratner,Translation published by Arab Organization for Translation, Beirut.

2011 *Bioengineering Fundamentals,* Ann Saterbak, Larry McIntire and Ka-Yiu San,Translation published by Arab Organization for Translation, Beirut.

2011 *Environmental Chemistry,* Gary van Loon and Stephen Duff*,* Translation published by Arab Organization for Translation, Beirut.

2008 *System Engineering Management, Benjamin Blanchard,* Translation published by Arab Organization for Translation, Beirut, 2007. The book won the Award of the Custodian of the Holy Mosques for Translation.

2006 *Applied Cryptography,* Bruce Schneir. Translation published by Syrian Computer Society.

**Cultural Scientific books**

2018 *The Inevitable,* Kevin Kelly, Translation finished, ready for publication, 2018.

2018 *What Technology Wants,* Kevin Kelly, Translation published by Kuwait Foundation for Science Advancement, Kuwait, 2018.

2014 *Where Good Ideas Come From: The Natural History of Innovation*, Steven Johnson, Translation published by Kuwait Foundation for Science Advancement, Kuwait, 2014.

1998 *Black Holes and Baby Universes,* Stephen Hawking,Translation published by Dar Tlas, Damascus, 1998.

1998 *Darkness at Night, a riddle of the Universe,* Edward Harriso, Translation published by Dar Tlas, Damascus, 1998.

1990 *Other Worlds,* Paul Davis, Translation published by Dar Tlas, Damascus, 1990.

**Authored book**

2017 Prominent Milestones in the History of Human Innovations. http://hatemnajdi. blogspot.com, 2017

**Conferences and Scientific Occasions**

* Attended more than 40 scientific occasions, conferences and continuous education courses over 40 years of working at the Scientific Studies and Research Center.
* Presenting semi-monthly cultural and specialized lectures within the Scientific Studies and Research Center.

**Languages**

English

**Academic Societies**

The Syrian Computer Society.