## Prof. Mounir Ghogho, IEEE Fellow

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## Biography

I received my PhD in signal processing in 1997 from the National Polytechnic Institute of Toulouse, France, with the distinction "Très honorable avec felicitations du jury". I was a Research Fellow at the University of Strathclyde (Scotland), from September 1997 to November 2001. I joined the University of Leeds (England) in December 2001, becoming a **full professor** and holder of a **chair in signal Processing and communication** in 2008. In 2010, while still affiliated with the University of Leeds, I joined the International University of Rabat where I am currently Dean of the College of Doctoral Studies and Director of the ICT Research Laboratory TICLab. I am a co-founder and co-director of the international laboratory associated with CNRS (France), DATANET, in the field of big data and large-scale networks.

In 2000, I was awarded the highly competitive **Royal Academy of Engineering Research Fellowship** (4 researchers only received this award in the UK that year). The award covered my salary and provided financial support for my research activities over a five-year period from 2000 to 2005. In 2013, I was the recipient of the **IBM Faculty Award**. In 2018, I was elevated to the rank of **Fellow of IEEE**, and in 2021 to the rank of **Fellow of AAIA** (the Asia-Pacific AI Association).

My current research interests are in **machine learning** (with a focus on graph machine learning and dynamic neural networks), statistical **signal Processing**, **wireless communication**, and their applications in robotics, cybersecurity, health, social media, transport, (renewable) energy systems, and the environment. I have published around **350 articles** in international journals and conferences. I was selected among the **top 2% of the world's researchers** in a study published by Stanford University in 2020, 2021, 2022. I have **supervised over 50 PhD students**. I have (co-) coordinated **20 research projects**, funded by numerous funding agencies and companies including the US Army Research Lab (a research partner since 1998), EU Commission, Royal Academy of Engineering, Royal Society, NATO, USAID, IBM, Google, PSA Group, Belgian Ministry of Cooperation, The Academy Hassan II for Science and Techniques (AH2ST), IRESEN, and CNRST. I have served as an expert for a number of funding agencies, including the Academy of Finland, USAID and Qatar Foundation

I served as an **associate editor** for IEEE Signal Processing magazine, IEEE Transactions on Signal Processing and IEEE Signal Processing Letters; and a member of IEEE Signal Processing Society technical committees SPCOM, SPTM and SAM. I am currently a member of the steering committee for the IEEE Transactions on Signal and Information Processing over Networks (SIPN). I have served as (co-)**chair of a dozen international conferences**.

I was a **keynote/invited speaker** at around 20 international conferences and workshops. I have held **visiting professor** positions at the National Institute of Informatics, Japan (2012), TU-Darmstadt, Germany (2011), Beijing University of Posts and Telecommunications, China (2010), Télécom Paris-Tech, France (2009), University of Carlos III, Spain (2007), University Minnesota, USA (2006), Army Research Laboratory, USA (2000,1999,1998).

## Positions, Education, Awards and Professional Service

**Previous Positions**
- 2008-2017: Professor & Chair in Signal Processing and Communication, University of Leeds, UK
- 2008-2015: Head of the Signal Processing for Communication research group, University of Leeds, UK
- 2006-2007: Reader/Associate Professor, University of Leeds, UK
- 2005-2006: Lecturer/Assistant Professor, University of Leeds, UK
- 2001-2005: Royal Academy of Engineering Research Fellow, University of Leeds, UK
- 2000-2001: Royal Academy of Engineering Research Fellow, University of Strathclyde, Scotland, UK
- 1997-2000: Research Fellow, University of Strathclyde, Scotland, UK

**Current Positions**
- 2017-present: Adjunct professor at the University of Leeds, UK
- 2019-present: Member of President Office, International University of Rabat (UIR)
- 2019-present: Dean of the College of Doctoral Studies, UIR
- 2010-present: Professor & Director of TICLab (ICT Research Laboratory), UIR
- 2015-present: co-Director of CNRS-associated International Lab DataNet

**Education**
- Oct. 1997: Ph.D. in Signal Processing, Institut National Polytechnique de Toulouse (INPT), France
- Sept. 1993: M.Sc. in Signal and Image Processing, INPT, France.

**Awards and Invited Positions**
- IEEE Fellow, 2018 (https://www.comsoc.org/membership/ieee-fellows/ieee-fellows-2018)
- IBM Faculty Award, 2013 (https://research.ibm.com/university/pdfs/2013_faculty_award_recipients.pdf)
- Fellow of the Asia-Pacific AI Association, 2021 (https://www.aaia-ai.org/fellows?page=47)
- Royal Academy of Engineering Research Fellowship Award, 2000
- Keynote/invited speaker at around 20 international conferences/workshops
- Invited Professor position at National Institute of Informatics, Japan (2012), TU-Darmstadt, Germany (2011), Beijing University of Posts and Telecommunications, China (2010), Télécom Paris-Tech, France (2009), University of Carlos III, Spain (2007), the Army Research Laboratory, Maryland, USA (1998, 1999 and 2000)

**Professional Service**:
- 2015-present: co-Director of CNRS-associated International Lab DataNet
- 2017-present: Member of the steering committee of IEEE Trans SIPN
- 2014-2018: Associate Editor of the IEEE Signal Processing magazine
- 2005-2009: Associate Editor of the IEEE Transactions on Signal Processing
- 2001-2004: Associate Editor of the IEEE Signal Processing Letters
- 2011-2012: Associate Editor of the Elsevier Digital Signal Processing
- 2011-2014: Elected Member of the IEEE SAM Technical committee
- 2006-2011: Elected Member of the IEEE SPTM Technical committee
- 2005-2010: Elected Member of the IEEE SPCOM Technical committee
- 2016-2017: Expert for the Academy of Finland
- 2006-2012: Expert for the Qatar Foundation
- General Chair of ITCities 2022, IE 2018, ITCities 2018, IEEE 5GSummit 2017, IEEE IWCMC 2019, WINCOM 2016, EUSIPCO 2013, IEEE SPAWC-2010, etc.