

RESUME (short)

Omar Elloumi, Ph. D.

Married, two children

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Professional Experience

- 2008 (until now)** **Head of M2M and Smart grid standards**, Alcatel-Lucent HQ, **Paris, France.**
Responsible for **standards strategy** and **project management** for M2M and Smart Grids standards.
ETSI Committee M2M **Vice Chair** and **Editor** for the ETSI M2M architecture specification.
Convener, oneM2M Working Group on architecture.
Advisory to the European Commission (on behalf of ETSI) on Smart Grid mandates. **Co-chair** of a work package on Smart Grid Communications within the EC M490 Smart Grid Coordination Group.
Co-author/editor of two books on M2M and Internet of Things.
- 2002 – 2008** **Standardization Manager Next Generation Networks**, Alcatel-Lucent HQ, **Paris, France.**
Lead delegate to multiple standards groups in ETSI, ITU, etc.
ATM Forum BoD member and officer
IPSphere Forum (now part of TMF) BoD member
- 2000 – 2002** **Lead system architect IP/MPLS**, Alcatel Broadband Networks Division, **CA, USA.**
- 1999 – 2000** **Research Engineer** on Internet traffic management, Alcatel Corporate Research Center, **Antwerp, Belgium.**
- 1997** **Guest Researcher** (4 months), National Institute of Standards and Technology (NIST), Gaithersburg, **MD, USA.**
- 1995-1998** **University Research and Teaching Assistant**, ARMOR – joint INRIA / Telecom Bretagne research lab, **Rennes, France.**
Ph. D. studies funded by France Telecom labs.

Education and professional training

- 2003-2004** Alcatel / EM Lyon (Business School) **training program for high potentials:**

Project management, marketing, cross-cultural communications and projects, general management, finance, transformational change, etc.

- 1998** Telecom Bretagne/INRIA, Rennes, France
Ph. D. in Computer Science, "Architecture and Performance of TCP/IP over ATM"
- 1995** Computer Sciences Graduate School of Tunisia (ENSI), Tunis, Tunisia
M. Sc. Diploma in Computer Science

Recognition / fora and SDO management experience

- Served on the **ATM Forum Board of Directors (BoD)** both as treasurer and secretary.
- Co-founder and **BoD member of the IPSphere Forum** (now part of the TMF).
- **Vice Chair of ETSI M2M** and **Editor** of the ETSI M2M architecture specifications.
- **Convener**, oneM2M WG on architecture.
- **Co-chair** of a work package on Communication Architectures for the EC M490 mandate on Smart Grids.
- Member of the Alcatel-Lucent Technical Academy (Bell Labs recognition program).

Publications

Books (co-edited/authored)

- M2M Communications, a systems approach, published by Wiley
(<http://onlinelibrary.wiley.com/book/10.1002/9781119974031>)
- The Internet of Things, key applications and protocols, published by Wiley
(<http://onlinelibrary.wiley.com/book/10.1002/9781119958352>)

Publications

More than 20 international journal and conference papers (detailed list available upon request)