

Mahmoud Barhamgi

1. Education

Degree	Discipline	Institution	Date
Accreditation to Direct Scientific Research (HDR)	Computer Sc.	University Claude Bernard of Lyon, France	2020
Ph.D.	Computer Sc.	University Claude Bernard of Lyon, France	2010
Research Master	Computer Sc.	INSA Nat. Institute of Sciences, Lyon, France	2005

2. Academic Experience

Institution	Date	FT/PT	Title/Rank
Qatar University	2022-Present	FT	Associate Professor
University Claude Bernard of Lyon	2011-2022	FT	Associate Professor
Open University, London, UK	2014-2015	FT	Visiting Researcher

3. Non-academic Experience

External research consultant and expert for French and European companies:

- [Airbus](#) (2011-2015) on data interoperability problems,
- [DEVERYWARE](#) (2012), [TECKNOWMETRIX](#) (2013), [APITECH](#) (2012- 2014), on secure service oriented data integration,
- [Valessentia group](#) (2014-2018) on business process management,
- [KaisensData](#) (2019-2022) on Cyberbullying detection.

4. Certification or professional registrations

- GPDR Data Protection Officer (2020), ISO 27001 ISMS Lead Auditor (2021).

5. Current membership in professional organizations

- National Research Centre (CNRS) of France.

6. Honors and awards

- Research and Supervision Excellence Award (PEDR, Rank A) from the National Council of Universities, since 2012 (every year).
- Outstanding Service Award as Associate Editor from IEEE Access. 2018.
- Best Paper Awards: ER 2014, AINA 2011.
- Recipient of the Al-Basel Award for the best graduate student (2002) from Damascus University.

7. Service activities (within and outside of the institution)

- Member of the CSE department commissions of: External relations, Graduate studies and research, curriculum and quality assurance (2022-23).

- Chairmanships: *Data Sharing, Security and Privacy* Track of IDEAS (2019), Co-Chair of the *Management of Service-Oriented System-of-Systems* Track of IEEE WETICE (2018), CPSS 2018, Chair of the local organization committee of DEXA conference (2017), and many other workshops and tracks in DEXA, WETICE conferences.
- Associate Editor for IEEE Access, since 2016.
- Lead Guest Editor: ACM Transactions on Internet Technology TOIT (2021, 2015), ACM JDIQ (2021), Springer Journal of Service Oriented Computing and Applications (2020).
- Project Evaluator for the European Foundation of Science since 2019.

8. Most important publications and presentations from the past five years

- *Envisioning Tool Support for Designing Privacy-Aware Internet of Thing Applications.*
C. Perera, Mahmoud Barhamgi, M. Vecchio.
IEEE Internet Things Magazine, 2021.
- *Privacy-preserving crowd-sensed trust aggregation in the user-centric internet of people.*
MA Azad, C Perera, Mahmoud Barhamgi, F Hao.
ACM Transactions on Cyber-Physical Systems, 2021.
- *Synthesizing privacy by design knowledge toward explainable internet of things.*
L Alkhariji, N Alhirabi, MN Alraja, Mahmoud Barhamgi, O Rana, C Perera.
ACM Transactions on Multimedia Computing, Communications, and Applications, 2021.
- *On private data synthesis through deep generative models for data scarcity of IoT.*
YT Chen, CY Hsu, CM Yu, Mahmoud Barhamgi, C Perera
IEEE Transactions on Industrial Informatics, 2021.
- *An integrated framework for privacy protection in IoT - Applied to smart healthcare.*
M. Alraja, H. Barhamgi, A. Rattrout, Mahmoud Barhamgi.
Computer Electrical Engineering, 2021.
- *Toward Context-aware Multi-objective Privacy Management.*
K. B. Chaaya, R. Chbeir, C. Perera, Mahmoud Barhamgi, D. Benslimane.
ACM Transactions on Internet Technology, 2021.
- *Designing privacy-aware internet of things applications.*
C. Perera, Mahmoud Barhamgi, A. K. Bandara, M. Azad, Blaine A. Price, Bashar Nuseibeh. Information Science, 2020.
- *Privacy in Data Service Composition.*
Mahmoud Barhamgi, C. Perera, C. M. Yu, D. Benslimane, D. Camacho, C. Bonnet.
IEEE Transactions on Service Computing, 2020.
- *User-centric Privacy Engineering for the Internet of Things.* Mahmoud Barhamgi, Charith Perera, Chirine Ghedira, Djamel Benslimane. IEEE Cloud Computing, 2018.

9. Briefly list the most recent professional development activities

- Participation in teaching-centered workshops at Lyon University (e.g. online teaching, involvement of students with special needs, improving student engagement, etc.).
- Scientific research stays: Open university (UK 2014-16), Cardiff University (2018-19), Madrid University (2017-2018).
- Participation in scientific conferences: CAiSE, ICWS, SCC, EDBT, ER, CCS.