

CV

Prof. Abdelaziz BOURAS

Qatar University
Office of Research Support
Manager, PreAward Department
VP Research and Graduate Studies Office

Professor, Computer Science and Engineering Department –
College of Engineering

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Positions

Director, Office of Research Support, under VP Research and Graduate Studies,
Qatar University, (2021)
Manager, Pre-Award Department of the Office of Research Support, under VP Research
and Graduate Studies,
Qatar University, (since 2017)
Professor in Computer Science,
Computer Science and Engineering Department, College of Engineering
Qatar University (since 2013)
Chair Professor in Information and Communication Technologies,
MICT Ministry & College of Engineering,
Qatar University (2013-2016)
Director, CERRAL Innovation Center,
Lumière University of Lyon, France (2000-2013)
Deputy Director, DISP Research Laboratory,
Lumière University of Lyon, France (2010-2013)
Deputy Director, PRISMA Research Laboratory,
Lumière University of Lyon, France (2000-2010)
Head, Info-maths Doctoral School
Lumière University of Lyon, France (2004-2013)
Adjunct-Professor in ChiangMai University, Thailand; and Kantipur Engineering College,
Nepal (since 2006)
Exceptional Class Professor in Computer Science,
Lumière University of Lyon, (2013)
Professor in Computer Science,
University Lumière of Lyon, (2000-2013)
Manager, EDT Research Group, LIGIM Laboratory,
Claude Bernard University of Lyon (1995-2000)
Associate-Professor in Computer Science,
Computer Science Faculty, Claude Bernard University of Lyon (1993-2000)
Assistant-Professor in Computer Science,
Computer Science Faculty, Claude Bernard University of Lyon (1991-1993)

Invited Positions

Guest Researcher, NIST, Engineering Design Technologies Group, Manufacturing Engineering laboratory, Gaithersburg- MD, USA, 2006
Guest Researcher, NIST, MSID Division, Gaithersburg- MD, USA, 1998
Invited Professor, Indian Institute of Science - Bangalore, India, 2006
Invited Professor, UAEH University of Hidalgo at Pachuca, Mexico, 2005
Invited Professor, Fudan University, Shanghai, China, 1995
Visiting Professor, Chengdu University, Chengdu, China, 2023
Visiting Professor, Chengdu University of Information Technology, Chengdu, China, 2025

Education

Research Habilitation in Computer Science, *ICT for Engineering*,
University Claude Bernard of Lyon, France, 2000
PhD in Computer Science, *Computer Aided Design & Modeling*
University Claude Bernard of Lyon, France, 1992
Research Master in Computer Science, *Artificial Intelligence & Computer Graphics*
University Claude Bernard of Lyon, France, 1988
Engineer in Industrial Maintenance,
University of Boumerdès (Ex-INGM institute), Algeria, 1987

Research Fields

Software Engineering,
Architectures for Lifecycle Engineering,
AI and Blockchains for Supply Chains,
Data Analytics and Data Modeling,
Product and Service Lifecycle Management
Digital Preservation.

Awards

Honoris Causa PhD in Science, ChiangMai University,
Conferred by HRH Princess of Thailand, 2011
Certificate of Appreciation for Extraordinary Service and Dedication as Director of the
Office of Research Support, Qatar University, 2021-22
Certificate of Appreciation for Extraordinary Service and Dedication as Graduate Studies
Committee Member, Qatar University, 2020-21
Certificate of Appreciation for Extraordinary Service and Dedication as Manager of the
PreAward Department, Qatar University, 2018-19
Professorship Exceptional Class Award, University Lumiere of Lyon, France, 2013
Scientific Excellency Award, French Ministry of Higher Education and Research,
France, 1995-2013

International Responsibilities & Scientific Bodies

Chairman, IFIP (International Federation for Information Processing) WG5.1 ICT for
product lifecycle management (www.ifip-wg51.org/)
Coordinator, Sustainable eTourism EU FP7 Erasmus-Mundus programs
Head (and Steering Committee Member), International Relations for CNRS GDR-
MACS National Research Group
Member, IFIP WG 5.7 (ICT for Advanced Production Management Systems)
Member, European Interoperability V-lab (ICT Virtual Lab)
Member, EU CentralLab, central Europe Living-labs
Member (or Ex-), IEEE, ASME, DS Design Society
Member, MICADO Digital Engineering (Industrial Association)
Member, SEE society (Electricity, Electronics and ICT)
Member, CNRS GDR-MACS Easy-Dim National Working Group
Member, Advisory Committee, Graduate Programs of CAMT – Chiang Mai University.

Expertise

Qatar University: Executive Committee for Digital Transformation, Committee for AI Integration in education curricula, Graduate Studies Models Committee, Promotion Committees, Industrial and Outreach Committees...

European Commission: FP7 FEDER, Programs Evaluation

Estonia: Evaluation Committee for Competence Centres

France: ANR - Industrie et usine du futur - ICT Department: Evaluation Committee for Digital Content and Simulation/Modelling Programs - Prospective ARP program

Canada: NSERC & FQRNT, Projects Evaluation Committees

Greece: Ministry of Education, Projects Evaluation Committees

Italy: Anvur, Research Evaluation Committees

Morocco: ENSA Engineering Schools Network

Projects Implementation (recent)

- Leader Project Investigator, QU ParisTech joint project: MESledger - A decentralized intelligent control of production systems based on AI and Blockchain technologies, CENG-IRCC-2024-514, 2024--2025
- Project Investigator, Bypassing Intrusion Detection Systems using Generative Adversarial Networks, QUCG-CENG-23/24-236, 2023--2024
- Leader Project Investigator, RTS-Marubeni: Research Tracking System – An industrial Use Case Testing, QUEX-ORS-RTS-24/25-1, 2023--2025.
- Project Investigator, BIM2LV Small and Mid-Size enterprises Building Information Modelling Maturity in a Lifecycle Vision project, QUCG-CENG-23/24-191, 2023-2024
- Leader Project Investigator, MOPIIC: MOdels and Platforms for QU-Industry Collaboration: Consideration of Industry 4.0 and Post-Covid Contexts, QUEX-ORS-MOPIIC-23/25-1, 2023--2026
- Leader Project Investigator, QNRF NPRP SUPPLYLEDGER (NPRP11S-1227-170135), Designing an Efficient Smart Contract based Blockchain System from Multi-modal Supply Chain Systems, 2019--2022
- Leader Project Investigator, QNRF NPRP CEPROQHA (NPRP9-181-1-036), Cost-Effective Preservation and Restoration of Qatar Cultural Heritage, 2016--2019
- Project Investigator, QNRF NPRP SIMUPOR (NPRP9-390-1-088), Simulation of microscale biogeochemical processes, 2016--2019
- Leader Project Investigator, QNRF NPRP PRO-SKIMA (NPRP7-1883-5-289), Professional education development and Skills Management – ontology enhanced workplace learning, 2015--2018
- Leader Project Investigator, Qatar DIGICULT QU-Grant on Cultural Digital Preservation, 2014--2016
- French Project Leader, EU FP7 EASY-IMP on Collaborative Development of Intelligent Wearable Meta-Products in the Cloud (FP7-2013-NMP-ICT-FOF) Partnership between 12 EU High-Tech companies and Research Centers
- EU General Coordinator, FP7 E-Tourism ICT for Sustainable Tourism Erasmus-Mundus (182897-EM-1-2010-1-UK-ERAMUNDUS-EMA21-L12) Partnership between 11 EU and South-Asia universities
- EU Member, EU FP7 FITMAN (27 partners) on Future Internet Technologies for Manufacturing (FP7-2012-ICT-FI) Partnership between 13 EU and South-Asia universities
- EU Leader, EU-ASIA SQUARE QMS Systems for QUality Assurance in Research and Education (EuropeAid/126-031/L/ACT/TH)
- EU Leader, EU-ASIA ETHICS-FED Euro THai Implementation of Cooperative Study – For Economic Development (EuropeAid/126-030/L/ACT/TH)
- French coordinator, FP7 Erasmus-Mundus eLink east-west Link for Innovation, Networking and Knowledge exchange (149674-EM-1-2008-1-UK-ERAMUNDUS)
- EU Member, C-LINK FP7 Erasmus-Mundus EMA2 Centre of Excellence for Learning, Innovation, Networking and Knowledge (372242-1-2012-1-UK-ERA MUNDUS-EMA21)

- French coordinator, Franco-Chinese PHC – sPLM Sustainable Life cycle System Systems (CaiYuan Pei-2012)
- National Scientific Committee Member, ANR FUTURPROD prospective “Future Enterprise” (ARP-2012)
- Member, NIST US project on Interoperability and Standards (2010--2012)

Start-Up Incubation and Entrepreneurship

- Steering Committee Member, DIC Digital Incubation Center, IctQatar-MICT (Minister: HE Dr. Hessa Al-Jaber), (2013--2017)
- Scientific Mentor, Ginkyo Technology (CEO: Pierre Caillet), (2009--2012)
- Committee Member: Qatar University Strategy and Innovation working group
- Judging Member: Challenge22, TASMU/DIC, QIB, etc.

Scientific Editing

- International Journal of Product Lifecycle Management (Editor-In-Chief: Founder and Honorary)
- International Journal of Product Development (Co-Founder and Associate-Member)
- Journal of Modern Project Management (Managing Editors Board)
- Journal of Smart and Sustainable Systems (Editorial Board)
- Several International Conferences: SKIMA on Software/Knowledge, PLM on for Product Lifecycle Management... (Co-founder, Steering Committee)
- International Conf. on Product Lifecycle Mngmnt (Co-founder, Steering Committee)
- Steering Committee Member (and Co-Founder), International Doctoral Workshop
- Special Interest Group SIG-PLM of IFIP TC5/WG5.7 (Co-Founder)

Solutions Development for Research Offices

- Research Tracking System (RTS) for PostAward Department
- Research Submission System (iGrants) for PreAward Department
- Research Blog (ORS Blog) for Research Office

Publications

- > 110 International Ranked Journal papers
- > 200 International conferences papers
- 15 Edited Books (Springer, Elsevier, etc)
- > 6750 Citations (https://scholar.google.com/citations?user=QKaJ_JgAAAAJ&hl=en)

Supervision

- 34 PhD theses (France/Qatar; Cotutelle: Morocco, Algeria, Thailand, China)
- 5 Professorship Habilitation degrees (HDR - France)
- 25 Master theses (France, Qatar)