Curriculum Vitae

Galal H. Galal-Edeen

BSc, BA, MSc (BSAD, City U), MSc (Spatial Design, UCL), PhD (Brunel), MBCS CITP, CT/ HRDC, CUA, CIMT

1.   Name & Personal Details

Family name: GALAL-EDEEN
Given names: Galal H.
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2.   Qualifications

MSc. Built Environment (Spatial Design: Architecture and Cities). The Bartlett School of Graduate Studies, University College London, The University of London.

BA (Honours) Architecture, from the School of Architecture and Construction, The University of Greenwich, UK. This degree carries RIBA (Royal Institute of British Architects) Part I professional qualification status.

PhD from the department of Computer Science and Information Systems, Brunel University, The United Kingdom. Dissertation titled: "*An Interpretive Approach to Information Systems Engineering - Using the Grounded Systems Engineering Methodology*". External examiners: Professor Guy Fitzgerald, then of the Department of Computer Science, Birkbeck College, the University of London and Dr Steve Smithson of the Department of Information Systems, London School of Economics, the University of London.

MSc. Business Systems Analysis and Design from the City University, London, UK. Final dissertation on using the Jackson's Systems Development method in the design of Knowledge-Based Systems (KBS). The thesis was short-listed for the best project prize**.**

BSc. Management Sciences, Computer and Information Systems Stream. Distinction with First Grade Honours (summa cum laude), from the Sadat Academy for Management Sciences, Cairo, Egypt.

Professional Qualifications & Certifications

1. MBCS/ CITP Member of the British Computer Society (BCS), Professional Member & Certified Information Technology Professional (CITP), since 11th January 1995. Member of the Enterprise Architecture Specialist Group Steering Committee.
2. CUA: Certified Usability Analyst, HFI. June 2013
3. CT/HRDC: Certified Trainer and Human Resources Development Consultant (IBCT Global). Certification date: 10th November 2008.
4. CIMT: Certified International Master Trainer (MDI, Missouri State University). November 2014.
5. PRINCE2® Practitioner Certificate in Project Management (AXELOS). March 2018.

3.   Membership of Professional Bodies and Learned Societies

1. The British Computer Society (BCS), Professional Member & Certified Information Technology Professional (CITP). Membership no. 09115192.
2. The Egyptian Software Engineering Association (ESEA), Professional Member.
3. The Association for Computing Machinery (ACM), Voting Member.

4. The Royal Institute of British Architects (RIBA), Student Member (currently suspended).
5. Member of the National Centre of Faculty and Leadership Development (NCFLD), as an internationally-Certified Trainer (CT), and a Human Resources Development Consultant (HRDC). Membership no. A424.
6. Certified Master International Trainer, Management Development Institute, Missouri State University, USA. Since November 2014.
7. Member of the Collaborative Innovation Network (CoIN), based at the Technology Innovation and Entrepreneurship Center (TIEC), Since 2009.
8. Certified Usability Analyst (CUA), HFI, June 2013.
9. UKAIS (UK Academy of Information Systems), since 9th March 2019.

4. Professional Activities

- Member of the Steering Committee of the Enterprise Architecture Specialist Group (BCS) since January 2017.
- Member of the steering committee of the ACM SIGCHI Cairo Chapter since February/ March 2018 (founding member of the Chapter).
- Member of the Scientific Advisory Committee for the Nada Foundation for Road Safety.
- Senior Master Trainer at Cairo University Faculty and Leadership Development Center and Staff Trainer at the German Scientific Exchange Service (DAAD), Kairo Akademie (please visit http://dka.daadcairo.org/trainers).

5. Previous Employment and Appointments

Feb. 2017- Feb. 2020 Visiting Professor to the UCL Interaction Center & Digital Health Institute, University College London.

Sept. 2009- 2017 Professor, Vice-Dean (from 2014) & University Chair on Innovation and Director, Innovation & Entrepreneurship Support Office.

Sept. 2012- August 2013 Visiting, then Adjunct Professor of Computer Science and Engineering, the American University in Cairo.

Sept. 2005- August 2006 British University in Egypt. Professor, Faculty of Computer Science. and Informatics. Teaching, research, academic and research direction.

Sept. 2003- August 2009 Cairo University, Head of the Department Information Systems, Faculty of Computers and Artificial Intelligence. I assumed management responsibility for over 40 full-time members of staff, three undergraduate programmes, one taught Masters' program and numerous PhDs.

March 2001- Dec.02 Department of Computing, Communications Technology and Mathematics, London Metropolitan University, UK. Principal Lecturer in Informatics.

Oct. 2000-Feb.'01	School of Computing, Middlesex University. Principal Lecturer in Computing Science.
Oct.1999-Sept.'00	School of Computing, Middlesex University. Senior Lecturer in Computing Science.
Nov.1997-1999	University College London, the University of London. Senior Research Fellow, Software Systems Engineering Group Department of Computer Science, my role was to act as the Coordinator and Chairman of the Executive Board of the European European-community sponsored Network of Excellence in Requirements Engineering RENOIR (Project No. 20.800), working with Prof. Anthony Finkelstein. I was responsible for a budget of nearly one Million Euros.
1988-98	Department of Computer Science and Information Systems, Brunel University. Lecturer in Software Engineering.
1985/6	Teaching/ research assistant, Department of Computer Science and Information Systems, Sadat Academy for Management Sciences, Cairo.

Visiting Appointments/ Secondments

2020-2021	Adjunct Professor, Department of Computer Science and Engineering, School of Sciences and Engineering, The American University in Cairo.
Feb 2017-2020	Visiting Professor, UCL Interaction Centre, Department of Computer Science, UCL, University of London.
January 2018-	P/T Visiting Lecturer, Westminster Business School, University of Westminster.
Sept 2013-2014	Science and Technology Development Fund, Ministry of Academic Research, Egypt. Chief Innovation Policy Adviser (part-time secondment). Advising the equivalent of the UK EPSRC on policies to sustain and promote innovation at the national level. I was also a member of the projects selection committee.
Sept. 2012-2013	Visiting Professor, Department of Computer Science and Engineering, School of Sciences and Engineering, The American University in Cairo. (full-time secondment).
Sept. 2011-2012	Visiting Professor, The School of Communications & Information Technology, Nile University, Egypt.
Sept.-Aug 2005	The British University in Egypt. Faculty of Computer Science and Information Systems. Professor of Information Systems.
2000	Visiting (Honorary) Professor of Software Architecture to Nokia Research Centre (Software Architecture Research Group), Helsinki, Finland. Inaugural lecture given on 3rd March 2000.
2000-2014	Honorary Fellow of the Center for Living Information Systems (now defunct), Department of Computer Science, Brunel University.

1992-1994	Centre for Computers in Law and Finance (CCLF), Brunel University. Associate Research Fellow, working on the European Community ESPRIT Project No. 6763 "Document Logistics", honorary position. Role: methodology expert and system deployment support and training.
1990 (Feb-June)	The City University, London. Visiting lecturer at the Department of Business Computing. Teaching on the MSc in Business Systems Analysis and Design.
1988	Willesden College of Technology, London. Lecturer in Computing, (part-time Lecturer). Lecturing and supervising student projects on NVQ and similar qualifications.

6.   Teaching and Learning

First: Undergraduate Courses Taught

1. Systems Analysis and Design workshops and tutorials (Final year UG, SAMS).
2. Pascal programming workshop (Willesden College of Technology, London).
3. Small Business Computing Project (Willesden College of Technology, London).
4. Micro Database Systems (Willesden College of Technology, London).
5. Systems Development (Willesden College of Technology, London).
6. Computers and Applications seminars (1st year UG, Brunel Univ., London).
7. Programming and program design workshops (1st year UG, Brunel Univ., London).
8. Systems Analysis and Design (UG, Brunel Univ., London).
9. Programming Methodology and Environments (3rd year UG, Brunel Univ., London).
10. Systems Development Methods (2nd year UG, Brunel Univ., London).
11. Managing Systems Development (2nd year UG, Brunel Univ., London).
12. Design Methods (2nd year, Brunel Univ., London).
13. Special presentations on Group Dynamics & Team Management and Software Quality Assurance activities (3rd year UG, Brunel Univ., London).
14. Professional Issues Seminars I &II (1st year UG, Brunel Univ., London).
15. Information Systems Seminars (Final year UG, Brunel Univ., London).
16. Software Engineering Seminars (Final year UG, Brunel Univ., London).
17. Information Systems and Strategic Management (UG, Middlesex Univ., London).
18. Introduction to Information Technology (UG, London Metropolitan Univ., London).
19. Comparative Information Systems Methodology (UG, Cairo University).
20. Information Systems Design (UG, Cairo University).
21. Introduction to Computing & ICT (UG, The British University in Egypt).
22. An Introduction to Human Computer Interaction (The British University in Egypt).
23. Human Computer Interaction Design (UG, Cairo University).
24. Professional Practices in Systems Engineering (UG, Cairo University).
25. Software Engineering (UG, American University in Cairo, Egypt).
26. Introduction to Computer Science – C++ programming (UG, American University in Cairo, Egypt).
27. Introduction to Information Security (UG, American University in Cairo, Egypt).
28. Research Topics in Information Systems (SAMS, Cairo).
29. Requirements Engineering (UG, Cairo University).
30. Professional Software Engineering Practices (UG, Cairo University).
31. Software Requirements Analysis (UG, Cairo University).

Second: Postgraduate Courses Taught

1. System Design workshops (MSc, City Univ., London).
2. Jackson's Systems Development (MSc, City Univ., London).
3. Systems Development Methodology (MSc, Brunel Univ., London).

4. Managing Information (PG, Middlesex Univ., London).
5. Systems Analysis and Design (MSc, Middlesex Univ., London).
6. Knowledge Management (on-line learning materials development for The Global Campus project, Middlesex Univ., London).
7. Information Systems Architecting (PG, London Metropolitan Univ., London).
8. Information Systems Architecting (PG, Cairo University).
9. Information Systems Analysis and Design (PG, Cairo University).
10. Principles of Research Methodology and Research Writing (PG, Cairo University).
11. Directed Readings in Computer Science CS703 (PhD, ISSR, Cairo University).
12. Software Architecture (MSc, Nile University, Egypt).
13. Thesis seminars & tutoring (PG, American University in Cairo, Egypt).
14. Requirements Engineering (PG, Cairo University).
15. Project Management MSc Dissertation Supervision (PG, University of Westminster, UK).
16. Digital Innovation and Disruption (PG, University of Westminster, UK).

Learning tools and environments used include: WebCT, Blackboard, Moodle, AcaDox, Piazza, Zoom, GoToMeetings, MS Teams, Adobe Connect, etc.

Third: Achievements in Curriculum Development & Learning Initiatives

1) Total redesign of final year projects procedure and standards, including the departmental house style document. The introduction of the "Final Year Project Gallery" concept. Department of Computer Science, Brunel University.
2) Implementation of the concept of the software design studio & the design-based style of teaching software and information systems engineering (Brunel University).
3) Proposing the concept of the Systems Engineering Studio & contributing to equipment configuration & specification (Department of Computer Science, UCL).
4) Supporting and teaching delivery in international collaboration on Master degree franchise abroad (Middlesex University with RITI, and MSA University, Egypt).
5) Supporting and teaching delivery in international university collaboration abroad (Loughborough University with the British University in Egypt).
6) Designing and delivering a novel Master's level course on Information Systems Architecting (London Metropolitan University).
7) Lead the design of a novel Master's course on software engineering (London Metropolitan University).
8) Developed the concept of "Innovation Champions" across the University to support innovation and KT activities.
9) Participation in the credit-hour based undergraduate curriculum design and implementation (in my capacity as head of department), Faculty of Computers and Information, 2003-2007.
10) Leading the re-design of the information systems engineering block subjects across the entire degree provision, Faculty of Computers and Information, 2011-2012.
11) Proposing institutional strategies and policies to support student and staff innovation and to boost Knowledge Transfer and Research Commercialisation Activities.
12) Designing and proposing a usability laboratory to link the university to industry and to generate income.
13) Designing awareness and engagement events for student innovative in final year & Masters' projects, via talks, seminars, mentoring and supervision, resulting in a number of competition wins (such as the Microsoft Imagine Cup), prizes, and project funding both

nationally and internationally. Talk titles examples: "Essence of Innovation", and "Welcome to the Space of Innovation".

14) Organizing student innovation competitions, sponsored by industry or NGOs such as the Elevator Pitch Competition, sponsored by TA Telecom and Congress EA (Sweden).

15) Following my passion for life-long learning, I proposed novel, flexible architectures for CPD (Professional Diplomas) design and management, broadly following an ECTS system, and inspired by collaboration with the Politecnico di Milano's School of Management.

16) Actively participated in the Global Campus initiative through authoring and reviewing distance learning units (Middlesex University, UK) and in ABET accreditation (American University in Cairo).

17) Proposed a specific Postgraduate Diploma in Innovation Management, including ABL elements.

18) Pioneering and facilitating meetings among industry, university staff and students to encourage joint project work and innovation.

19) Taking the initiative to visit industry to characterize their innovation needs and suggesting related projects to post-graduate students (resulting in three joint Master degree projects, some in collaboration with TU Delft, the Netherlands).

20) Proposing the concept of "Open Lectures" on topics of contemporary interest to industry and the public at large.

21) Proposing and supporting the concept of "Industry Guest Lecturers" on topics of contemporary interest to students, staff and the Alumni.

22) Actively supporting and championing academic modular staff continuous professional development and learning, especially in the areas of "Managing Innovation in Academia" and "Curriculum Design and Management".

23) Mentoring of student& graduate entrepreneurs and junior teaching staff.

Fourth: Research Degree Examinations

Internal Examiner: Kerstin Viola SIAKAS "CODES – Cultural and Organisational Dimensions for the Engineering of Software: an Assessment Model for Software Quality Management". **PhD** Thesis, School of Informatics and Multimedia Technology, University of North London. January 2002.

External Examiner: Jane-Lisa COUGHLAN "PICTURE: A Framework for Effective Communication within Requirements Elicitation", **PhD** Thesis, Department of Information Systems and Computing, Brunel University, November 2002.

External Examiner: Susan DUNN "Understanding The Perspectives of Users Who Enable Others to Adopt Collaborative Technologies", **PhD** Thesis, The Fielding Institute. Santa Barbara, California, USA. April, 2004.

Internal Examiner: Sondoss Ashraf ABDEL-AZIZ "Critical Success Factors of Enterprise Resource Planning Implementation", MSc. Thesis, Department of Decision Support Systems, Faculty of Computers and Information, Cairo University, 9th May 2005.

External Examiner: Howayda M. ABU-ELGHEIT "The development of services in local administration units through electronic government – an application to the Giza governorate", **MPhil** Thesis, Department of Public Administration, Higher National

Institute for Management Development, Sadat Academy for Management Sciences, Cairo, Egypt. July 2005.

Internal Examiner: Nagy Ramadan Darwish OMRAN "An Integrated Quality Assurance Model for Information Systems Projects Management", **PhD** Thesis, Department of Information Systems, Faculty of Computers and Information, Cairo University, September 2005.

External Examiner: Mohamed M. El-Sayed SHABAN "A Generic Software Architecture for Distributed Systems", **PhD** Thesis, Department of Computer and Information Sciences, The Institute of Statistical Studies and Research, Cairo University, June 2006.

External Examiner: Mohamed AbdelRazik MANSOUR "Business Process Normalization using Model Transformation", **MSc** Thesis, Department of Computer Science, The American University in Cairo. 26th December 2006.

External Examiner: Haitham Hesham ABAZA "Appropriate Medical Technologies for Developing Countries: Application to Cardiovascular Disorders". **MSc** Thesis, department of Systems and Biomedical Engineering, Faculty of Engineering, Cairo University. 16th April 2008.

Internal Examiner: Mohamed Saad SEYAM "Agile Methodologies in Information Systems Development", **MSc** Internal Examiner: Dissertation, Cairo University. November 2008.

Internal Examiner: Ahmad Mohamed Gamal-Edeen ABD-ELMAKSOUD "An Evaluation Framework for Workflow Modeling Techniques", Department of Information Systems, **MSc** Dissertation, Cairo University. February 2009.

External Examiner: Dalia Kamal Abd Alla RIZK "Software Quality Attribute Measurement and Analysis Based on Class Diagram Metrics", Department of Computer Science, School of Science and Engineering, **MSc** Dissertation, The American University in Cairo. May 2009.

Internal Examiner: Lamiss Attia Ahmed ElSHAFEY "Using CMMI to Improve Information Technology Production Processes", **MSc Dissertation**, Department of Information Technology, Cairo University. June 2009.

External Examiner: Ashraf Ahmad Fathy AL-KADY "The Role of Modern Technologies in Improving the Performance of Public Services with Application on Security Services in the Domain of General Security", a dissertation submitted for the **Fellowship** degree in Management Sciences, Faculty of Management Sciences, Sadat Academy for Management Sciences, Cairo. 22nd June 2009.

Internal Examiner: Perihan EL-BAZ, "The Influence of Culture on Systems Usability", **PhD**, Department of Computer Science and Information Systems, Institute of Statistical Research & Studies, Cairo University. July 2009.

External Examiner: Anas AHMAD, The Impact of the Difference Between Tutoring Computer Programs that Use Artificial Intelligence and those that Use Multimedia on

The Achievement and Skilful Performance in Deaf Students in the Preparatory Stage."
PhD, Faculty of Special Education, Ain Shams University, 7ᵗʰ April 2010

Internal Examiner: Manal Abdel-Kader ABDEL-FATTAH, An Evaluation Framework For E-Government Services, **PhD**, Department of Information Systems, Faculty of Computers and Information, Cairo University, 31ˢᵗ January 2010.

External Examiner: Usama Abdel-Azim MOHAMED, "Conceptual Design of Business to Business Electronic Market places for Viable Integration of Egyptian National Directives" **PhD,** Institute of Graduate Studies and Research, Alexandria University, September 2010.

Internal Examiner: Mirette Magdy MICHEAL, An Approach to Software Architecture View Consistency Checking, **MSc**, Department of Information Systems, Faculty of Computers and Information, Cairo University, 8ᵗʰ December 2010.

Internal Examiner: Hamdy SALEM, a Methodological Approach for Building e-Government Services in the Area of Localities, **MSc**, Department of Information Systems, Faculty of Computers and Information, Cairo University, 89ᵗʰ March 2011.

External Examiner: Mohamed Abd El-Hamid Farag Ahmed ASKAR, A Proposed Model of Server Virtualization and Service Oriented Architecture integration for Business Infrastructure Optimization, Efficiency and Cost Reduction, **MSc,** Department of Computer Science and Information Systems, Sadat Academy for Management Sciences, Cairo. 22ⁿᵈ October 2013.

External Examiner: ALI, A. Proposed Infrastructure to Enhance the Applicability of ECRM in the Egyptian Banking Industry, **MSc,** Department of Computer Science and Information Systems, Sadat Academy for Management Sciences, Cairo. 11ᵗʰ January 2014.

External Examiner: HUSSEIN, Mohamed. A Proposed Framework for the use of RFID Tagging in Business. MSc, Department of Computer Science and Information Systems, Sadat Academy for Management Sciences, Cairo.

Internal Examiner: Hassan A. H. MOHAMED, "Toward a Methodological Approach for Strategic Resilience in Enterprise Architecture" PhD thesis at the Department of Information Systems, Faculty of Computers and Artificial Intelligence. 10ᵗʰ February 2020. Role: Director of Studies/ Main Supervisor.

Fifth: External Examining Roles

External Examiner: B.Eng. Final Year projects, department of Systems and Biomedical Engineering, Faculty of Engineering, Cairo University.

External Examiner: BSc. Final Year projects, Department of Computing, Higaz Higher Institute, Cairo, Egypt.

External Examiner: BSc. Final Year projects, Department of Computing, 6ᵗʰ October Higher Institute, Giza, Egypt.

External Examiner: MSc. Dissertation Projects, EU Joint Masters on sustainable urban planning and design, department of Urban Planning, Faculty of Engineering, Ain-Shams University.

External Examiner: BSc. Computer Science Programme, MSA University. Agreed, to commence.

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7. Research, Patents and Knowledge Transfer

Copyright & Patents

14th November 2016. Copyright Registration Number 002816, Registered at ITIDA, Egypt.

A Software Application and Website: **Carta** a mobile application and supporting web site for registering and maintain store and other loyalty cards that stores can use for promotional, marketing and customer intelligence purposes. Copyright number: 002816/14th November 2016.

Grants, Awards & Research Contracts

April 2011 – Sept. 2016: £E1.3 M approx. from the USAid programme (**Cairo Initiative Institutional Capacity Program**) for 1 PhD, 2 MSc, 3 Post Docs grants; for a proposal entitled "**Boosting Innovation Capacity**". Role: Principal Investigator. (This grant was won but not implemented due to organisational factor).

December 2012: €13,000 approx. from the NAIS-Lorentz Centre, the University of Leiden, the Netherlands, for organisation for a one-week long inter-disciplinary workshop entitled "Innovation at the Verge: Computational Models of Physical/Virtual Space Interaction", (Role: co-PI with Marcel Crul, Frank van Harmelen and Paola Monachesi) 17 – 21 December 2012. Web site for the workshop can be found at:
http://www.lorentzcenter.nl/lc/web/2012/530/info.php3?wsid=530&venue=O

January 2010 - September 2013: €939,050.00 (**in collaboration with a consortium led by the American University in Cairo as the Grant Holder**), from the European Union Tempus programme (Grant Agreement No. 14583-TEMPUS-2008-EG-JPHES-ETF-JP-00544-2008) for the project: Enterprise-University Partnership: Educational And Training For Technology Transfer (EUPART). The consortium partners included four universities from Egypt and Polietecnico di Torino (Italy), Fee University of Berlin, Vienna University of Technology (Austria), University of Linkoping (Sweden). Role: co-PI/ consortium member.

September 2009 - March 2013: €1,286,642 (**in collaboration with a consortium led by the TU Graz (Austria**) **Grant Holder**, from the European Union Tempus programme (Grant Agreement No. 144752-TEMPUS-2008-AT-JPHES ETF JP 00241 2008) for the project: University Chair on Innovation (UNCHAIN). The consortium partners included universities in Lebanon, Syria, Tunisia, Morocco and Egypt, and from Europe: Politecnio di Milano, TU Delft, Aachen University, Role: co-PI/ consortium member.

September 2009 - September 2011: €10,000 approx. for the project: Innovation in collaboration with Industry and Academia. DAAD Funded Project, in

collaboration with Prof. Edda Pulst, from Technical University of Gelsenkirchen, Germany. The project had the industrial project partners: IBM Egypt, MS Egypt Ferrostaal GmbH, Germany, CONET Software Solutions, Germany, Vodafone Egypt, MTN Syria, Syriatel. Academic partners included: Aleppo University, Cairo University, Westphalian University and ITI (the Information Technology Institute). Role: Co-PI.

January 2009 – March 2009: €3000 from the Tempus programme (Project number: B/016677/08). Title: ACCIÓN COMPLEMENTARIA SOBRE INTERFACES NATURALES BASADAS EN VISIÓN PARA DISPOSITIVOS MÓVILES - Complementary action on vision-based interfaces for mobile devices. With Antoni Jaume I Capó, Universitat de les Illes Balears, Spain. Role: co-PI.

July 2008: €1,640.00 from the Tempus programme (Grant number: IMG-EG3087-2006) for an academic visit to Middlesex University from 21st July to 25th July 2008. Role: PI.

May 2007 - August 2008: £E10K from the Information Technology Industry Development Agency (ITIDA), Ministry of Communications and Information Technology, Egypt, to support final year students' projects. Role: PI.

December 2005 - 2008: £E772K (with one other faculty member at the Faculty of Computers and Information, Cairo University) from the HEEPF (Higher Education Enhancement Project Fund)/ ICTP (Information and Communication Technology Project), for a proposal entitled "Enhancement of Universities Management Information Systems". Project No. MIS-UP-01-CAI (funding approved on 14/12/2005). Also acted as the lead methodology & architecture authority for this project. Role: co-PI.

February 2005 - 2008: £E420K (with 3 other members of the centre for Information Systems Studies and Consultancies, the Faculty of Computers and Information, Cairo University) from the IDSC/UNDP fund for a project entitled "Enhancing Local Development and Governance Issues: Pilot Using IT Support". Project No. EGY/02/005. Role: co-PI.

September 2001 - May 2003: £81K from EPSRC (UK): to investigate software systems evolution, in collaboration with the University of Portsmouth. Grant Reference: GR/R12152/01.
http://www.tech.port.ac.uk/staffweb/addist/amuse.htmls - Role: co-PI.

2000-2002: As leader of the Systems Evaluation team, part the of Systems Engineering group, Thematic Network on Information Systems Evaluation, Brunel University, where I had access to the Network funding from EPSRC. Role: Research Associate.

Doctoral Thesis Completions

1. Maha M. ALI, "Cultural impact on Entrepreneurial Mindset in Local Contexts", Staatswissenschaftliche Fakultät der Universität Erfurt, Germany. October, 2021
2. Hassan A. H. MOHAMED, "Toward a Methodological Approach for Strategic Resilience in Enterprise Architecture" PhD thesis at the Department of Information

Systems, Faculty of Computers and Artificial Intelligence. 10th February 2020. Role: Director of Studies/ Main Supervisor.

3. Ahmed TEALEB, "Developing an Adaptive Framework for Variability Management of Business Process Models" PhD at the Department of Information Systems, Faculty of Computers and Information. Cairo University, July 2017, Role: Director of Studies/ Main Supervisor.

4. Mohamed Ali MOHAMED, "A Frameworks for Developing and Evaluating E-government Enterprise Architectures", PhD at the Department of Information Systems, Faculty of Computers and Information. Cairo University, February 2017. Role: Director of Studies/ Main Supervisor.

5. Neveen Kamal Kamel Mohamed EL-GAMAL, "Data Warehouse Testing", PhD, Department of Information Systems, Faculty of Computers and Information, Cairo University, May 2015. Role: Director of Studies/ Main Supervisor.

6. Mohamed Abd-Elhamid Ibrahim EL-BAHTITY, "Data Protection Using Cryptography Techniques", PhD, Department of Information Systems, Faculty of Computers and Information, Cairo University. May 2014. Role: Director of Studies.

7. Samia Mohamed EMERA, "An Intelligent Framework for Combining GIS, Data Mining and Decision Support Systems", PhD, Department of Information Systems, Faculty of Computers and Information, Cairo University. November 2013. Role: Director of Studies.

8. Usama Abdel-Azim MOHAMED, "Conceptual Design of Business to Business Electronic Market places for Viable Integration of Egyptian National Directives" PhD, Institute of Graduate Studies and Research, Alexandria University, September 2010. Role: Main Supervisor.

9. Hanan Mohamed MOUSSA, "A Framework for Effort Estimation in Software Projects", PhD, Department of Information Systems, Faculty of Computers and Information, Cairo University. June 2010. Role: Director of Studies & Main Supervisor.

10. Manal Abdel-Kader ABDEL-FATTAH, "An Evaluation Framework For E-Government Services", PhD, Department of Information Systems, Faculty of Computers and Information, Cairo University. January 2010. Role: Director of Studies/ Main Supervisor.

11. Anas AHMAD, "The Impact of the Difference Between Tutoring Computer Programs that Use Artificial Intelligence and those that Use Multimedia on The Achievement and Skilful Performance in Deaf Students in the Preparatory Stage." PhD, Faculty of Special Education, Ain Shams University. April 2010. Role: Main supervisor.

12. Perihan EL-BAZ, "The Influence of Culture on Systems Usability", PhD, Department of Computer Science and Information Systems, Institute of Statistical Research & Studies, Cairo University. July 2009. Role: Director of Studies & Main Supervisor.

13. Ghadaa Refaat EL-SAID, "Cultural Effect on Electronic Consumer Behaviour: The Effect of Uncertainty Avoidance on Online Trust for the Egyptian Internet Users". PhD, Brunel University, The United Kingdom. December 2005. Role: Second Supervisor.

Other Knowledge Transfer Activities

In the capacity of the University Innovation Chair, and leader of two TEMPUS funded projects, I led and organized numerous innovation and technology transfer activities. Detailed project reports are available upon request.

I have supervised a collaborative research project with the government that won the Innovation Prize: **Best Model of Cooperation between University and Industry** (UNCHAIN project). My undergraduate students won the Microsoft Imagine Cup national competition for an innovation project they executed under my supervision and went on to form their own company. (search for Cairo Team 3 in: https://www.prnewswire.com/news-releases/microsoft-announces-finalists-for-global-student-technology-competition-122438293.html)

My responsibilities in this role included supporting innovators and inventors, organizing several innovation and entrepreneurship awareness events for staff and students, providing training and consultancy in areas related to innovation (such as IP issues), drafting and influencing related institutional policies and strategies. I supported supporting around 17 inventors, interacted heavily with industry to deliver improved academia/ industry collaboration; as well as significant international cooperation in this area.

I helped secure and implement at least three knowledge transfer initiatives through Master degree projects: two in the area of industrial food processing, and one in the area of healthcare systems for Non-Communicable Diseases (in collaboration with the National Curative Organization and the Cairo University Medical School).

8.   Knowledge Transfer and Professional Practice

Funded Knowledge Transfer & Consultancy Projects:

2019-2020   Systems Engineering consultant to the General Authority for Healthcare Accreditation and Regulation (GAHAR), Egypt.

2017-2020   Research on the project: Exploring the Current Landscape of Intravenous Infusion Practices and Errors (ECLIPSE): a mixed- methods observational study, in collaboration with the UCL Interaction Center and the Institute of Digital Health, University College London. My role including field research (observation and interviews), user research, qualitative data analysis, and report writing.

2016   Usability testing, evaluation and novel data visualization techniques for Techvision Streamer Stock market data and analyses (Client: Techvision Ltd).

2013-2014   Chief Innovation Policy Adviser (Science and Technology Development Fund - STDF).

2009-2013   Numerous technology innovation training, consultancy and innovation support activities (As Senior Innovation Consultant with Innovety, an Innovation consultancy firm, Cairo & Montreal).

2008-2013   Information Systems Consultant to Memphis Tours, Cairo. This assignment involves carrying out an analysis of the organisation, its ICT needs and designing new business/ICT architecture. A part-time role.

2007-2009	Information systems project methodology advisor to an MIS project for the Postgraduate Studies, Research and Cultural Relations Sector, Cairo University. A part-time role.
2007	Field usability testing and evaluation (in the Kingdom of Saudi Arabia) for a BAXTER peritoneal dialysis apparatus (client: Human Factors International, USA). Value of consultancy contract: around $60K.
2005/2006	Information Systems & Information Technology Infrastructure study and preparation of Request for Proposals for Financial Authority House, Ministry of Defence, Egypt. Role: Consultants Team Leader & Team Member responsible for co-ordinating the team of consultants and for the information system's overall architecture planning. Value of contract: around £E 3M.
2005	Advisor to the British University in Egypt on the procurement of a student records system. As part of my duties as a professor of information systems.
2004/5	An analysis and technical feasibility study of a document management system for Talaat Mostafa Group (TMG), Egypt. Role: Senior Systems Architect, working for ILTA Group, Cairo.
2003/5	Information Systems & Information Technology Infrastructure study and preparation of Request for Proposals for the Kasr Al-Aini Educational Hospital, Cairo University, Egypt. Role: Principal Information Systems Consultant. Value of contract: around £E 2M.
2003/4	An analysis of the document management and information management needs at Community Design Collaborative (CDC Halim), an international architecture practice based in Cairo, Egypt. Role: Principal Information/ Knowledge Management Systems Consultant. A part-time role.
2004	An evaluation of the Hospital Management and Medical Information Systems at the International Medical Centre (IMC). Client: The Ministry of Defence. Role: Team Member responsible for strategy and parts of system acceptance testing. Value of contract: around £E 100 K
1997	Participated in a consultancy (led by Prof. Anthony Finkelstein) for the UK National Air Traffic Service, London on tools and methods for improving the management of complex systems requirements. Role: consultants team member.
1996	Consultant to a major City of London law firm on the design and deployment of Document Management systems. Role: research team member & consultant.
1995	Consulted for Intuitive Systems Limited, UK, in the area of Object-Oriented Software Engineering, UK.
1988-97	Officially visited and frequently gave information systems-related advice to no less than 100 small to large UK banking, commercial, manufacturing (e.g. GEC Marconi, TRY Construction, ERA, SGS) and service enterprises, in my role as industrial placement tutor to undergraduate students at Brunel University.

1986   Leader of a 5-member junior consultants team in a major Organisational Development (OD) consultancy, Principal Bank of Development and Agricultural Credit, Cairo. This consultancy involved performance improvement planning, strategic planning for information systems development, as well as several other aspects of OD.

1985   Participated in a consultancy on corporate strategic planning for Al-Sharq Insurance (Cairo, Egypt) in the capacity of a team member.

Consultancy & Research Project Reports:

Blandford, A.; Furniss, D; Lyons, I.; Galal-Edeen, G. H.; Chumbley, G.; Weo, L., Cox, A.; Mayer, A.; Dean Franklin, B. (2018) Intravenous Infusion Practices across England and their Impact on Patient Safety: a mixed-methods observational study. National Institute for Health Research. NIHR Health Services and Delivery Research. Project number: 12/209/27

Galal-Edeen, G.H. & Ali., M. M., (2016) Techvision Streamer User Interface Evaluation Report.

Galal-Edeen, G.H., Bahgat, R, Bastaweesy, A and El-Sharkawi, M (2008) Terms of Reference For the Development, Installation and Deployment of A Management Information System For the Postgraduate Studies, Research and Cultural Relations Sector, part of the "Enhancement of Universities Management Information Systems". Project No. MIS-UP-01-CAI funded by the HEEPF (Higher Education Enhancement Project Fund)/ ICTP (Information and Communication Technology Project).

Galal-Edeen, G.H. (2008) A Project Plan for Staff Training at the Faculty of Computers and Information, Cairo University.

Tawfik, B. & Galal-Edeen, G.H., El-Said, G. R. (2007) Baxter (I*) Usability Test Report – Kingdom of Saudi Arabia, for Human Factors International.

Galal-Edeen, G.H. Amer, F. (2006) Report on the Current Status and Issues of the Data Network and Information System at the New Kasr Al-Aini Educational Hospital, Faculty of Medicine, Cairo University.

Fahmy, A., El-Hadidi, M., Galal-Edeen, G.H. (2005) System Architecture & Request for Proposal for the Financial Authority House, The Egyptian Ministry of Defence

Galal-Edeen, G.H., Mousa, S., Abotalib, A., Saleh, A. (2005) A Proposal for the Delivery and Installation of a Document Management System and Archiving Solution based on SAPERION, ILTA Group, Cairo, Egypt.

Fahmy, A., Amer, F., Galal-Edeen, G.H. (2004) Final Report on the evaluation of the information systems at the International Medical Centre, The Egyptian Ministry of Defence. (Contract value of the system evaluated: c. £E 9 M).

Galal-Edeen, G.H., Amer, F. (2004) Request for Proposal For the Development of the Information System's Hardware and Data Network of Kasr El- Aini New Hospital (Phase I: PCs+Network+Servers). Contract value £E 1.3 M approx.

Galal-Edeen, G.H. (2003) Towards the Nile Technological University Design Concept Definition, Community Design Collaborative, Cairo, Egypt.

Ellmer, E., Emmerich, W., Finkelstein, A., & Galal, G. H. (1998). Requirements Engineering at NATS: Observations and Suggestions. The United Kingdom National Air Traffic Service, London.

Galal, G.H. (1994) Suggestions for documentation standards and computer-based document management. Baileys Shaw & Gillett Solicitors, London.

Adly-Attia, N., El-Deredy, W., Galal, G. H., Ghanem, M., Ismail, N., Kinawi, H., and Nassef, Y., (1995) The Case for a National Information Technology Strategy in Egypt. (A volunteer initiative).

El-Ghamry, I, Galal, G.H., Fadlallah, M., Mahmoud, A., Zoheir, H., Mohamed, W. (1986) An Analysis of the Organisational Climate at the Bank of Agricultural Development and Credit, Cairo.

Professional Roles and Activities:

a) Chair of the Community Service and Environment Development Committee, FCI, August 2014 – January 2017.

b) Member of the Professional Diplomas Committee, FCI, September 2014-2017.

c) Member of the Training and Capacity Building Committee for the Technology Innovation Commercialization Offices, Academy of Scientific Research & Technology, Egypt. 2014/2015

d) Chief Innovation Policy Advisor and Member of the Projects Selection Committee & Project Officer. The Science and Technology Development Fund (STDF), Academy Scientific Research and Technology, Ministry of Scientific Research (broadly equivalent to the UK EPSRC), Egypt. (2013-2014).

e) Member of the Academic Quality & Accreditation Committee, Faculty of Computers and Information, Cairo University (2010-2016).

f) Member of the Board of Directors of the Decision Support and Future Studies Centre, Faculty of Computers and Information, Cairo University 2008/9.

g) Member of the Executive Team of the Quality Assurance and Accreditation Unit (2009/2010), part of the Community Service and Environmental Affairs Committee of the Faculty of Information and Computing, Cairo University.

h) Member of the Strategy Committee of the Faculty of Information and Computing (2004/2005), Cairo University.

i) Member of the steering committee of the Information and Communications Technology Project – ICTP. Sub-project II: Enhancement of Universities Management Information Systems (2004-2007), Cairo University.

j) Member of the Faculty of Information and Computing Council, Cairo University, Egypt (since 2003).

k) Member of the Senate of the British University in Egypt (2005/2006).

l) Member of the Board of Directors of the National General Book Authority, Egypt (c. 2006/8).

m) Member of the Community Service and Environment Affairs Committee, Faculty of Computers and Information, Cairo University.

n) Chair of the Information Systems Engineering Group, Cairo University.

o) Member of the Management Sciences Committee of the Egyptian Supreme Council of Culture (Social Sciences Branch).

p) Participation in various tasks for developing training materials and standards for the National Center for Faculty and Leadership Development (NCFLD), Supreme Council o Universities Egypt. 2008-2011.

q) Member of the Technical Office of the President of the Arab Republic of Egypt's Adviser on Societal Development (2012-2013).

r) Member of the steering committee of the Management of Information and Communication Technology (B.B.A.) Undergraduate Program at the Department of Computer Science and Engineering at the American University in Cairo (2012-2013).

s) As Vice-Dean for Community Service and Environment Development, I led the preparation of the relevant file submission to the Accreditation and Quality visiting team (March 2016).

t) I am a member of the steering committee of the BCS Enterprise Architecture Specialist Group since 2017, with responsibility to lead the education sub-committee to define the competencies of an Enterprise Architect.

u) Involvement in the ACM SIG**CHI** Across Borders Initiative, and participated as Founding Member in establishing the Cairo SIG**CHI** Chapter.

Administrative & Management Experience

i. August 2014 to January 2017: Vice-Dean for Community Service and Environment Development at the Faculty of Computers and Information.

ii. January 2010 to January 2017: Director of the University Innovation Support Center, and University Chair for Innovation.

iii. In Cairo University: Head of the Information Systems Department where I was responsible for 40 full time members of staff and the academic program of more than 200 full time undergraduate students and around 45 postgraduate students (2003-2009).

iv. At Middlesex & London Metropolitan Universities: Business Information Systems Academic Group Deputy Leader; Information Systems & Software Eng. Research Convenor; Software Engineering Masters Course Leader.

v. At UCL, University of London: Coordinator and Chairman of the Executive Board of the European European-community sponsored Network of Excellence in Requirements Engineering RENOIR (Project No. 20.800), working with Prof. Anthony Finkelstein. I was responsible for a budget of nearly one Million Euros.

vi. Various administrative roles within the Department of Computer Science at Brunel University that included: Third Year teaching team leader; Software Engineering Block Leader; Information Systems Block Leader; International Student Recruitment Support; Publicity & Liaison Officer; Library Representative; Research Convenor; Final Year Projects Convenor, etc.

A Selection of Professional Training Given:

1. Digital Transformation Program, to: Orange Telecom, Cairo, 26th November to 1st December 2020.

2. Creativity for the Future, to: administrative staff at one of the newest community universities in Egypt, 28th November, 2020.

3. Managing Innovation in Academia, Egyptian Atomic Energy Authority (EAEA), Cairo, Egypt, 28th February 2018.

4. Writing Competitive Research Proposals, University of Suez Canal, Ismailia, 6th March, 2018.

5. Strategic Planning of Innovation. Academy of Scientific Research and Technology, offered to staff of the national network of Technology Innovation Commercialization Offices. March, 2016.

6. The Essential Nature of Innovation. Academy of Scientific Research and Technology, offered to staff of the national network of Technology Innovation Commercialization Offices. April, 2015.

7. Mini module for "German Science Days" on Competitive Research Proposal Writing, on 16th May 2015. Client: DAAD/ German Science Center (DWZ).

8. Fundamentals of Agile Software Development, for the Public Authority for Applied Education & Training (Kuwait). January 2016.

9. Managing Innovation in Academia: a few dates for the DAAD (German Academic Exchange Service), Kairo Akademie. Numerous instances, highly rated by trainees.
10. Competitive Research Proposal Writing: numerous dates for the DAAD (German Academic Exchange Service), Kairo Akademie. Numerous instances, highly rated by trainees.
11. Training of Trainers: Professional Trainer Course at the Faculty and Leaders Development Center (FLDC). Two courses: 26th & 27th March 2014 & 20th to 25th Sept. 2015.
12. Knowledge Management of IP – Building your Innovation Capacity, Technology Innovation and Entrepreneurship Center (TIEC), 15th May 2014.
13. Training of Trainers: for the National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt. Two courses (17h to 20th May 2014).
14. Innovation Discipline and Innovation Capacity to a notable member of the manufacturing industry (home appliances) on 18th -19th December 2013.
15. The Management of Technological Innovation (MoTI) to science and technology senior students at the universities of Mansoura, Zagazig, Ain Shams & Benha, Egypt, respectively; on 24th August & 2nd and 9th & 16th September 2013.
16. Innovation Strategy: Two full days of training of technical members of Microsoft Advanced Technologies Lab on Innovation Strategy, Cairo, 18th & 19th February 2013.
17. Several training sessions on the Credit Hours & ECTS Systems of curriculum design and management to university faculty members, for the Faculty and Leaders Development Center (FLDC), Cairo University, 2103.
18. Training of Trainers: Training Skills. Tahrir Lounge, the Goethe Institute, 21st – 22nd January 2013.
19. Innovation: an Art and a Science: to the Saudi Telecommunications Company (STC), Ryadh, 11th September 2012. Contracting client: MERIC.
20. Training of Trainers: Training Skills. University of Hassan II, Casablanca, Morocco. 29th April to 3rd May 2011.
21. Health Facility Planning, Design And Construction (mainly course design, organisational and logistical support), overseas client (Malaysia), training conducted in London, UK. 6th-18th December 2009.
22. Innovation and Creativity. 19th & 20th December and 28th & 29th December, and three later dates. Client: Ministry of Scientific Research, Scientists of the Next Generation Program.
23. Innovation in the Public Service. 31st October 2010, and four dates later to 13th February 2011. Client: Sadat Academy for Management Sciences (SAMS).
24. Training of Trainers, various dates (Client: the Supreme Council of Universities).
25. Towards the Innovative Organization. Innovation training given to MCS Free Zone, 9th Dec. 2010.
26. Training of Trainers. The National Center for Faculty and Leadership Development, Cairo, Egypt. 23-25th February 2010.
27. Professional practices in Software Engineering, Client: Memphis Tours Egypt. Target trainees: software development staff. Training took a few sessions taking place between 2008 and 2009.
28. The Credit-Hour System of Curriculum Design and Management, Client: Faculty of Medicine, Benha University. Target trainees: Full faculty members, 10th June 2009.
29. International Publishing of Research, training for the Next Generation Scientists, Client: Scientific Research Academy. Target trainees: junior researchers, Egypt. 10-12th March 2009 and 15-18th June 2008.
30. Writing for International Publishing, training for full-time academic staff, Client: Menoufyia University, National Liver Institute. Target trainees: junior and senior academic staff and researchers, Egypt.18th November 2008.

31. The European Credit Transfer and Accumulation System of Curriculum Design and Management (ECTS), Faculty of Pharmaceutical Sciences, Client: Cairo University Vice President for Postgraduate Studies and Research, 31st July 2007. Target trainees: senior faculty members from all of Cairo University.
32. Several voluntary sessions on "Research and Academic Writing" to teaching assistants and assistant lectures at the Faculty of Computing and Information, Cairo University.
33. Decision Support Systems for Management, client: Sadat Academy for Management Sciences. Target trainees: senior management at the Ministry of Petroleum. 21st March 2003.

Professional Development Courses Taken

I am very keen on continuous learning and self-development, to support my professional practice and applied research. I have, within the past five years, taken the following training modules:

Dates	Course title	Organising body
9th & 10th January 2010	Technology Transfer with Focus on IP.	▪ Isis Innovation & Technology Transfer, University of Oxford, for The European Patent Office.
10th to 12th May 2010	Patent Analytics.	▪ European Patent Office, Vienna, Austria.
12th April to 16th April 2010	Valorisation and Technology Transfer.	▪ University of Delft, the Netherlands.
25th May to 3rd June 2010	Training of Trainers (ToT) on Innovation and Entrepreneurship.	▪ University of Delft, the Netherlands.
7th July to 10th July 2010	Universities as a Nucleus for Business Activities - Systematic Innovation.	▪ Technical University of Graz, Austria.
12th to 15th July 2010	Technology Transfer Processes and Tools.	▪ Politecnico di Milano, Italy.
12th to 15th October 2010	Innovation, Entrepreneurship and Technology Transfer	▪ University of Linkoping, Sweden.
9th to 11th November 2010	How to Design for the Big: User-Centric Innovation and Strategy.	▪ Human Factors International, London, UK.
13th to 15th December 2010	Business Development Workshop.	▪ Politecnico di Torino, Italy.
19th to 20th January 2011	Patenting and Licensing	▪ Politecnico di Torino, Italy.
27th March to 31st March 2011	Invention Valuation and Marketing	▪ American University in Cairo, Egypt.
25th May to 26th May 2011	IP in Business Practice, comprising: ▪ Building a Business (Module 4B). ▪ IP Licensing (Module 4C). ▪ Enforcement and ADR for patent disputes (Module 5C).	▪ European Patent Office, Munich, Germany.
2nd July to 6th July 2011	Product & Process Innovation with Renewable Energies	▪ Technical University of Graz, Austria.
11th March to 4th April 2012	Autodesk Revit Architecture (Core)	▪ AUC School of Continuing Education.
25th to 29th June 2012	Start-up formation, challenges and opportunities	▪ Politecnico di Torino, Italy.
16th to 18th July 2012	Start-Up formation, challenges and opportunities, Patenting Support, Setting up & operating an incubator	▪ Free University of Berlin, Germany.
3rd April 2012 – 16th May 2012	Innovation Strategy, Innovation Capacity and Innovation Discipline	▪ IXL, Center for Innovation, Excellence and Leadership, Boston, USA (online: Cairo).
13th November 2012	Evidence-based teaching innovations, Linking practice to research	▪ AUC, Egypt.

31st March – 2nd April 2014	How to Design for Persuasion, Emotion and Trust (PET)	▪ Human Factors International, London.
3rd – 4th April 2014	The PET Architect	▪ Human Factors International, London.
22nd– 23rd May 2014	How to Support the Institutionalization of a Mature UX Practice	▪ Human Factors International, London.
1,2, & 7th September 2014	Training of the Trainers	▪ DAAD (German Scientific Exchange Service) Kairo Akademie.
26th & 27th September 2014	Training of the Trainers	▪ DAAD (German Scientific Exchange Service) Kairo Akademie.
11th & 13th May 2015	The Use of e-Learning in Training	▪ JAMK University of Applied Sciences, Teacher Training College and NAQAAE (National Authority for Quality Assurance and Accreditation of Education), Egypt.
7th-8th June 2015	Regional Conference on Quality Assurance in Higher Education in the Arab States Region: Sustainability and Future Development	▪ UNESCO, DAAD and ANQAHE (Arab Network for Quality Assurance in Higher Education)
10th June 2015	Creativity and Innovation Techniques	▪ DAAD (German Scientific Exchange Service) Kairo Akademie; Trainer: Dr Claudia Groß, independent consultant and trainer.
1st October 2015	Strategic Steering with the Balanced Scorecard	▪ DAAD (German Scientific Exchange Service) Kairo Akademie; Trainer: Dr Marc Milling, PH Ludwigsburg, Germany.
3rd December 2015	Introduction to Technology Enabled Learning	▪ DAAD (German Scientific Exchange Service) Kairo Akademie; Trainer: Dr Zeinab El-Maadawi.
7th & 8th March 2016	Change Management in Higher Education	▪ DAAD (German Scientific Exchange Service) Kairo Akademie; Trainer: Dr Marc Milling.
10-11th July 2016	First Level (Shoden) of Reiki in the Usui System of Natural Healing	▪ Grand Reiki Master Fatma El-Sayed
9-10th August 2016	Second Level (Okuden) of Reiki in the Usui System of Natural Healing	▪ Grand Reiki Master Fatma El-Sayed.
May-November 2017	▪ UCL staff induction (19th May 2017). ▪ Introduction to Good Clinical Practice eLearning (Secondary Care) (28th April 2017). ▪ Diversity in the Workplace (20th July 2017). ▪ Introduction to Sustainability (July 2017). ▪ Basic Fire Safety, September 2017 ▪ UCL Safety Induction (September 2017). ▪ Information Security Awareness (November 2017).	▪ Staff training courses offered at University College London, University of London.
29-30 August 2017	Advanced Requirements Analysis: How to make sense of unclear and incomplete requirements	▪ the British Computer Society, London. Trainer: Tom Gilb.
31st August 2017	Architecture Engineering: with Emphasis on Quality	▪ the British Computer Society, London. Trainer: Tom Gilb.
14-16th March 2018	PRINCEII Foundation	▪ University of Westminster Business School.
19-20th March 2018	PRINCEII Practitioner	▪ University of Westminster Business School.
29th October 2018	GDPR (General Data Protection	▪ University College London

	Regulations 2016).	
15-17th November 2018	Entrepreneurship Mentoring Training	▪ Mowgli for The Next Society program (European Union).
19th December 2018	Scholarly Collaboration	▪ DAAD (German Scientific Exchange Service) Kairo Akademie; Trainer: Dr Maha Bali.
8th February 2019	Entrepreneurship Mentoring Training (Reflection and Refresher Session)	▪ Mowgli for The Next Society program (European Union).
8th February 2019	BCS CITP Assessor Training	▪ British Computer Society
17th March 2020	Faculty Teaching Preparation of Contingency Planning: Blackboard and Panopto	▪ AUC, Center for Learning and Teaching
20th March 2020	Unconscious Bias	▪ University College London
8th April 2020	Balancing Synchronous & Asynchronous Teaching & Learning	▪ AUC, Center for Learning and Teaching
14th April 2020	How to Assess Student Learning in an Online Learning Environment	▪ AUC, Center for Learning and Teaching
29th June – 16th July 2020	Artificial Intelligence Analyst 2020	▪ IBM Skills Academy
20th July - 7th August 2020	Partnership for Systems Approaches to Safety and Security (PSASS)	▪ MIT (online: http://mit.edu/psas/)
24th August 2020	Preparing to Design your Course for Online Delivery	▪ CLT Online Teaching Institute, AUC
November 2020	Blended Learning Certificate	▪ CLT Online Teaching Institute, AUC
16th-20th February 2021	Data Science & Big Data Analytics	▪ Dell Technologies
4th – 8th July 2021	Advanced Methods in Data Science and Big Data Analytics	▪ Dell Technologies
8th – 12th August 2021	Data Engineering Workshop - Virtual Classroom	▪ Dell Technologies

Contributions to Research Reviews

Book manuscript reviews (for publishers):

1. Wiley: Information Engineering (by John Hares, 1992).
2. Prentice-Hall: Knowledge Based Systems Analysis and Design, a KADS Developer's Handbook (by Stuart Tansley, 1993).

Published book reviews:
 Sommerville, I and Sawyer, P (1998) Requirements Engineering: a good practice guide, Wiley, Chichester. ISBN 0 471 97444 7. Published in the European Journal of Information Systems.
A large number Journal & conference paper refereeing tasks, of which the following is only a sample:

1. The Software Factory Paradigm (author's name withheld, 1993), for the European Journal of Information Systems.
2. A Rule-Based Extension to the C++ Language (Mulvaney and Bristow, 1996), for Software Practice and Experience.
3. An article for Systems Research and Information Science Journal (c.1991).
4. Various papers for the Fourth Americas Conference on Information Systems, Baltimore, Maryland, USA, 1998.
5. IWSSD-9: the Ninth International Workshop on Software Specification and Design, in association with ICSE'98, Kyoto, Japan.

6. The 5th International Conference on Object-Oriented Information Systems (OOIS'98), 9-11th September 1998, Paris, France.
7. Conference on European Industrial Requirements Engineering.(CEIRE'98) 19th-20th October 1998, London- also member of the Organising Committee.
8. 13th European Conference on Object Oriented Programming (ECOOP'99) Workshop on Object Oriented Architectural Evolution.
9. 14th European Conference on Object Oriented Programming (ECOOP'2000) Workshop on Object Oriented Architectural Evolution.
10. Various papers for the Fifth Americas Conference on Information Systems, Long Beach, California, USA, 2000.
11. The 5th Australian Workshop on Requirements Engineering (AWRE 2000), 8-9 December 2000, Brisbane, Australia.
12. 15th European Conference on Object Oriented Programming (ECOOP'2001) Workshop on Object Oriented Architectural Evolution.
13. Journal of Applied Systems Studies, Methodologies and Applications for Systems Approaches (JASS).
14. The Requirements Engineering Journal, Springer-Verlag.
15. Various papers for the Fifth and Sixth Americas Conferences on Information Systems, Boston, USA, 2000 & 2001.
16. Regular refereeing for the journal of Enterprise Information Management (formerly Logistics Information Management).
17. Regular refereeing for the journal of Business Process Management Journal.
18. Regular refereeing for the journal of the Egyptian Informatics Journal, Faculty of Computer and Informatics.
19. Referee for the Second & Third International Conferences on Informatics and Systems Series (Second, Third, Fourth and Fifth) (March 6-8, 2004/ March 19-20 2005).
20. Member of the Technical Programme Committee and Board of Referees for the ITI 3rd International Conference on Information & Communications Technology ICIT-2005 (see http://www.icict.gov.eg/ICICT2005/).
21. Member if the programme committee of the e-Learning Online Communities International Workshop, Cairo, Egypt 3rd January 2005 (see http://www.cs.mdx.ac.uk/staffpages/g_dafoulas/index.htm).
22. Member of the Technical Programme Committee and Board of Referees for the ITI 5th International Conference on Information & Communications Technology ICIT-2007 (see http://www.icict.gov.eg/ICICT2007/index.html).

Major project reviews (subcontracted):
1. KADS I: for ESPRIT (European Community IT initiative). 1988/9.
2. Gemini: for the CCTA (UK Government IT agency) 1988/9.

9. External Engagement and Internal Academic Leadership

External Engagement Roles

1. Volunteer member of the **Tools Team** of the Egyprenuers Initiative, jointly managed by SAMS and Ministry of Youth and Sports, 2021.
2. Workshop "Starting Your Corporate UI/ UX Enterprise" at IrisX 2020: A Prime Experience Design event, organized by the ACM SIGCHI Cairo Chapter, the Greek Campus, Cairo22nd February 2020.
3. Innovation competition judge/ innovation expert in several national Ibtiecar (TIEC) innovation competitions.

4. Design for Safety Senior Consultant & Member of the Scientific Advisory Committee- the Nada Foundation for Road Safety.
5. Innovation competition judge at Orange Telecom.
6. Innovation competition UNDP/ Misr El-Kheir foundation innovation competitions.
7. As an Innovation Expert on the UNDP Design Thinking for Persons with Disabilities (PwDs) workshop "Design for Integrated Living" on 23rd November 2014, Cairo.
8. Leading and conducting an ideation session on "IT Applications for People with Disabilities" for the Ministry of Communications and Information Technology – Ministers Advisory for Social Services, May 2012.
9. Trainer for both the Academy of Scientific Research & Technology and the German Scientific Exchange Service (DAAD) for modules: "Essentials of Innovation", "Writing Competitive Research Proposals" and "Managing Innovation in Academia".
10. Training on the Fundamentals of Agile Software Development for the Public Authority for Applied Education & Training, Kuwait, January 2016.
11. Innovation competition judge at the Falling Walls Lab Cairo, 20th July 2016, organized by the German Science Centre (DWZ) Cairo.
12. Training of Trainers for Arab Council for Childhood and Development, April 2016.
13. Trainer with the German Academic Exchange Service (DAAD), Cairo, in the areas of managing innovation in academia and writing competitive research proposals. Since 2014, numerous dates.

A Selection of Invited Panel Memberships, Presentations and Keynote Talks:

1. Invited talk: **"Innovation for All"** at SRG Specialist Online Event on Technology Innovation for the Handicapped. 15th November 2021.

2. Invited talk: **"Enterprise Architecture & Generative Properties: An Architectural Morphology Perspective"** at BCS Specialist Group on Enterprise Architecture online webinar: The Town Planner Enterprise Architecture. 5th July 2021.

3. Invited Keynote **"Innovation and Cyber Security - Architecting for Cyber Security Research"** at Virtual IT-Science Talk: "Cyber Security - Importance and Implementation at Scientific Institutions and Research Facilities" 3rd June 2021. Hosted by DAAD, Cairo. URL of the event: https://www.daad.eg/en/2021/06/14/it-science-talk-for-alumni-in-egypt-on-cyber-security-importance-and-implementation-at-scientific-institutions-and-research-facilities/

4. Invited Keynote "**Digital Transformation: The Systemic Dimensions"** at the ICT in Our Lives Conference – Alexandria University 18th – 19th Dec 2020.

5. Invited talk at a workshop on *Opportunities for Egypt in the Artificial Intelligence Era*, The Information Technology and Telecommunications Council, ASRT, The Academy of Scientific Research, Cairo, Egypt. 9th March 2020.

6. Invited Keynote "**AI in Context"** at the Workshop on *Opportunities for Egypt in the Artificial Intelligence Era*, The Information Technology and

Telecommunications Council, ASRT, The Academy of Scientific Research, Cairo, Egypt. 9th March 2020.

7. Invited Keynote "**Connected and Smart Devices: The Systemic Imperative**" World Conference on Internet of Things: Applications & Future. The French University in Egypt, 14th-15th October 2019.

8. Invited talk "**Innovating for Society: AI and the World**" at the Workshop on *Artificial Intelligence: An Egyptian Perspective*, The Information Technology and Telecommunications Council, ASRT, The Academy of Scientific Research, Cairo, Egypt. 15th October 2019.

9. Invited talk on "**An mHealth System for Non-Communicable Diseases**", at the Clusters of Scientific Innovation in the Middle East and North Africa (COSIMENA) 1st Meta-Conference on "Digital Development and Challenged in the MENA region". The German Academic Exchange Service (DAAD) Regional Office, Cairo. 16th-17th June 2019.

10. Invited talk at the BCS Enterprise Architecture 3rd Annual Conference 2nd July, 2019 "Enterprise Architecture Resilience", the British Computer Society, London.

11. Invited talk at the BCS Enterprise Architecture 2nd Annual Conference 26th June, 2018 "Scenario-Oriented Systems Architecting - from Context to Architectures-2", the British Computer Society, London.

12. Invited talk at the IV Therapy: Improving Quality and Safety conference, Title: "**Errors and discrepancies in intravenous infusion practices: a situated study**". Manchester Conference Center, Manchester, UK. 7th December 2017.

13. Invited Keynote: "Managing Innovation in Academia" at the 1st American University in the Emirates International Research Conference "Creative Business and Social Innovation" 15th- 16th November, 2017. Dubai, United Arab Emirates.

14. Invited talk at the BCS Enterprise Architecture 1st Annual Conference 17th July, 2017 "Enterprise Architectonics: from Context to Architecture", the British Computer Society, London.

15. Invited Keynote "Strategy for Innovation in Higher Education" In the conference "Towards Building Egyptian Knowledge and Innovation Society", 15 – 16 May 2016, The Supreme Council of Universities, Cairo.

16. Regular panel memberships and keynote talks at the annual conference of the Egyptian Society for Information Systems and Computer Technology (ESISACT).

17. Keynote with the title "Women Entrepreneurs in Egypt: The Way Forward "at the Women Entrepreneurs in Egypt, USAID Egypt's Competitiveness Project (ECP), 9th & 10th 24th April 2014.

18. Panel member in a debate on "Developing Education from a Managerial Perspective?", where I gave a short talk entitled "Continuous Professional Development and its Links to Innovation" Organised by the Management Sciences Committee of the Egyptian Supreme Council of Culture (Social Sciences Branch). Venue: the Egyptian Supreme Council of Culture, Al-Gezira, Cairo, 6th June 2012.

19. A Keynote talk: "Open Innovation: Imperatives for Developing Economies", at the 1st Conf. on Innovation & Entrepreneurship, 24th April 2012 (Technology Innovation and Entrepreneurship Center).

20. Innovation from Research, an invited talk at the of Electronics Research Institute, the National Research Center, on 8th June 2011.

21. Panel member in a debate on "How Can Egypt Catch up with the Knowledge Era Race?", Organised by the Egyptian Scientific Society of Telecom Engineers. Venue: Al-Sawy Cultural Wheel, Cairo. 28th December 2010.

22. A special invited presentation: *"The Egyptian Telecommunication Market: Market needs and requirements of University Education"* in: Innovative Mobile Solutions workshop - University of Aleppo, 15th-16th Sept. 2010. Funded by DAAD, with Prof. Edda Pulst.

23. A special invited presentation: *"From Flexibility to Innovation: the Role of Higher Education"* in The Role of Higher Education and Research in the Innovation and Sustainable Development conference, Aleppo University, 27th April 2010.

24. Leading and reporting on a special workshop on Innovation Support and Technology Transfer as part of the Fifth International Conference on Scientific Research and their Applications, 22nd December 2009.

25. Membership of the panel on "Mainstreaming in Higher Education Curricula: Management, Engineering, Sciences, and Health Education. The United Nations University Seminar for University Leaders from North Africa and the Middle East "Opportunities and Challenges for university Leadership in Education for Sustainable Development. 27th May 2009.

26. An invited visit to the Department of Informatics and Operations Research, University of Cologne, Germany, during which I gave a talk on: "Aspects of human computer interaction" in a weekly Research Colloquium for doctoral students of Professor U. Derigs. I also gave a lecture on "Information systems development methodology: foundations and issues" as part of an MSc.-Course on Systems Development by Professor Mellis, 9-16th June 2008.

27. Membership of the panel on "The development of human capital and the quality of specialist education" in the 11th Scientific Conference for Information Systems and Computer Technology on "Citizens and E-Records: The Memory of Information Society", at the Sadat Academy for Management Sciences, 10th-12th February 2004, Cairo.

28. Invited Keynote speech "Reverse Architecting: Seeking the Architectonic" at the IEEE Working Conference on Reverse Engineering (WCRE 2002) October 28 - November 1, 2002, Richmond, Virginia, USA.

29. Architectonics, Culture and Other Stories (from Cultures to Architectures), Talk at the Seminar on Ethnography, Systems and Strategy, Lancaster University, UK. 22-23 April 2002. Interdisciplinary Research Collaboration in Dependability of Computer-Based Systems (DIRC) & Advanced Multi-Agency Service Environment project (AMASE).

30. Panel membership of PREA- Panel on Reverse Engineering and Architectural Evolution, at the 6th European Conference on Software Maintenance and Reengineering. Organised by Alessandro Maccari & Claudio Riva (Nokia

Research Center, Software Architecture Group, Finland). Tuesday 12 March 2002. Budapest, Hungary.

31. E-Commerce Systems Architecting. An invited talk for the DTI Egypt Connect IT seminars, Cairo, Egypt 2-3 May 2001.

32. Software architectonics?, an inaugural visiting professorship talk at the Software Architecture Forum (SOAR), the Software Architecture Group, Nokia, Finland (3rd March 2000).

33. A Research Project in Action - Problem-Domain and Artefact-Domain Architectural Modelling to Understand System Evolution. An invited talk and panel membership of the *Systems Engineering in Academia* session at the INCOSE UK Chapter Autumn Assembly 6-7 November 2000. Swindon, UK. (see: http://www.incose.org.uk/aa00acad.htm).

34. Getting from the Soft to the Hard: Grounding Requirements Engineering, an invited talk and panel membership at the INCOSE UK Chapter Autumn Assembly. *Session on Requirements Engineering*, DERA, Malvern, UK. 9th November 1999.

35. Co-presentation of a Keynote speech entitled "Capturing Emergence: surface patterns and deep structures", with Prof. Bill Hillier, the Bartlett Graduate School, at the 4th IEEE International Symposium on Requirements Engineering (RE'99), June 7-11, 1999. University of Limerick, Ireland.

36. A keynote entitled "Connected and Smart Devices: The Systemic Imperative" at the World Conference on Internet of Things: Applications & Future, Egypt. 14th-15th October 2019, Cairo.

37. A keynote entitled "Innovating for Society: AI and the World" at a Special Workshop on Artificial Intelligence: An Egyptian Perspective, The Information Technology and Telecommunications Council, the Academy of Scientific Research and Technology, Egypt. 15th October 2019, Cairo.

38. A keynote entitled "AI in Context: Innovation, problem focus, infrastructure" at a Special Workshop on Workshop on Opportunities in the age of Artificial Intelligence: The Information Technology and Telecommunications Council, ASRT 9th March, 2020.

39. 11th October 2020, I contributed as a discussant to the symposium "HE requirements in the light of 4th industrial revolution and the consequences of COVID-19" organized jointly by the Arab Administrative Development Organisation (ARADO), the Association of Arab Universities and the Arab European Leadership Network in Higher Education (ARELEN).

A Selection of Media Appearances

1. BBC Arabic Programme: Interview to comment on *Time-Warner's Interactive Video on Demand*, 4PM news on 19th December 1994.
2. MBC television: *Computer Viruses*, an interview in the "Hi-Tech" feature, 5th May, 1995. In Arabic.
3. MBC television: *the Internet*, an interview in the "Hi-Tech" feature, 8th September, 1996. In Arabic.
4. MBC television: *the Internet*, a debate in the "Good Morning Arabs" programme, 8th June 1996. In Arabic.

5.   BBC World Service (Arabic): An interview on the use of IT in improving business performance, 26th February 1998.

6.   Nile TV, Egypt (in Arabic) about the potential of e-commerce in Egyptian enterprises. 3rd May 2001.

7.   Nile News Television, Egypt (in Arabic): Eurasia programme on the Geneva World Summit on the Information Society 2003. 13th December 2003.

8.   Nile News Television, Egypt (in Arabic): Sabah Gadeed (New Morning) programme on the ITU Africa Telecom convention held in Cairo 3-8 May 2004. 3rd May 2004.

9.   Nahdat Masr Daily, an interview about electronic signature legislations in Egypt. 9th May 2004.

10. Fikr Gideed (Novel Thinking), Channel 3, Egyptian Television, Recorded at the Faculty of Computers & Information, Cairo University. 26th February 2005.

11. Nile Cultural Channel: "What are information systems?" May 2007.

12. Syrian Television: "Bringing the Word or Work into University", 16th September 2010, Aleppo, Syria.

13. Syrian Television: "Enhancing University-Industry links". 4th October 2010, Aleppo, Syria.

14. Nile News Channel: "New Morning. Discussion of new IT trends and issues for the year 2010". 23rd December 2010.

15. Nile Cultural Channel: Discussion of how can Egypt catch up with the Knowledge Era. 28th December 2010.

16. El-Manara Channel: discussion of Technology Transfer from University to Industry, Ma3akum programme. 28th November 2011, aired @ 9:00 pm (Cairo Time) on 30th November 2011, and @ 3:00 pm (Cairo Time) on 1st December 2011. Another appearance on 10th April 2012 to speak about the nature of innovation.

17. El-Manara Channel: Discussion of road traffic safety in Egypt aired 4th November 2012.

18. El-Manara Channel: Innovation Management at Industry and National levels, aired 20th March 2013.

19. Nile Cultural channel: Continuous Professional Development and training. Aired 4th July 2015 @ 7:15 AM, approx.

20. Al-Nahar Al Youm: the story of a nation, about a notable academic and public figure: Dr Leila Takla, Aired 19th & 20th August 2016 @ 10:15 PM, approx.

21. Nile Cultural channel: 2nd Generation Program: Information Systems, Technologies, Research and Innovation. 28th March 2020 @ 2:30 PM, approx.

NB: a number of televised media appearance recordings are available on YouTube through searching for "Galal-Edeen".

Editorships of Journals

- Associate Editorship of the ACM Transactions on Computer-Human Interaction (TOCHI); started in 2021.

- Membership of the Editorial Advisory Board of the Egyptian Informatics Journal (2003-2009).

- Membership of the Editorial Advisory Board of the Business Process Management Journal (2002-20017).

- Membership of the editorial advisory board of the Journal of Enterprise Information Management ISSN: 1741-0398 (MCB University Press).

Ongoinghttp://www.emeraldinsight.com/info/journals/jeim/eabinfo.jsp

- Membership of the editorial advisory board of Future Business Journal (Elsevier). ISSN: 2314-7210 http://www.journals.elsevier.com/future-business-journal/editorial-board/

- Membership of the editorial review board of The International Journal of Sociotechnology and Knowledge Development (IJSKD).
http://www.igiglobal.com/journals/details.asp?id=7823

Extra-Mural & Volunteer Activities

a) Initiating and co-coordinating a volunteer team (EgypTech) of research students and computing professionals in working on IT technology transfer issues (the Internet in particular) to developing countries, the country in focus being Egypt. I anticipate that this work will be of relevance other developing and eastern European countries.

b) Talks to volunteer organisations and NGOs, such as a talk entitled "Attitudes for Innovation" given at the Attitudes Changer meeting on 11th May 2012, and "Innovation for the Planet", given at an IBM sponsored event (supporting the Students for a Smarter Planet initiative by IBM) on 30th April. 2012.

c) Managing director of Systems Tectonics Limited, a London-based systems analysis and design consultancy (now defunct).

d) Research seminar: "Can Social Sciences Save Computing?", Department of Computer Science, Brunel University, 1991.

e) Numerous talks to industry and professional associations. Example: Using Ethnography to Support Usability and User Experience Design, an invited talk to ITWorx, a major software development company, Tuesday 10th May 2012.

f) Numerous events, talks and training and ideation sessions in collaboration with the Technology Innovation and Entrepreneurship Center (TIEC), Egypt. Examples include talks entitled: "Innovating Systematically: why & how?" and "Innovation: Now and Not Later!" (31st January 2011) given at the Culture Wheel venue.

g) Judge on various innovation-related competition for TIEC, Orange Telecom, UNDP/ Misr El-Kheir Foundation, Egypt.

h) Giving public talks on innovation such a talk entitled "Industry- University Collaboration on Innovative Problem solving", given at a UNIDO forum on 12th Dec. 2011, and a talk entitled "The ecosystem for being in the knowledge era" given at the Culture Wheel venue 28th December 2010.

i) By special invitation: a volunteer orientation training to members of, entitled "Content Management Systems as Technical Enablers in Curriculum Design", to the Productivity and Vocational Training (PVTD), as part of the Finland-led Omina consortium on 25th March 2015.

j) Participation in an Information Technology Industry Development Agency (Egypt) -invited workshop on the National Competence Framework and an Adoption Strategy for ICT. 2nd August 2016.

k) Several targeted visits to ICT industry and healthcare members including EMC, Vodafone, Orange Telecom, the Egyptian Curative Organisation, etc.

l) Co-authoring, in the role of a Design for Safety Senior Consultant - NADA Foundation, of the report "**Sayef Safely Egypt's Summer Roads Risk Assessment**

Report 2018" dealing with the effect of road design and human factors on safety, with the NADA Foundation For Safer Egyptian Roads.

m) Membership the Scientific Advisory Committee of the NADA Foundation for Road Safety, Egypt.

n) Several independent student activities support via volunteer public talks and seminars.

10. Publications: Refereed Journals and Conferences

Journal and Conference Papers (in chronological order)

Aly, M., Galal-Edeen, G. (2020) "Why is Germany less entrepreneurial? A Behavioral Reasoning Perspective", Journal of Technology Transfer (2020), Springer. IF: 5.69 https://doi.org/10.1007/s10961-020-09823-4. Electronic ISSN: 1573-7047, Print ISSN: 0892-9912

Blandford A, Furniss D, Galal-Edeen G H, Chumbley G, Wei L, Mayer A & Franklin B D. (2020) Intravenous infusion practices across England and their impact on patient safety: a mixed-methods observational study. *Health Services and Delivery Research, IF: 2.351*, 2020;8(7). https://doi.org/10.3310/hsdr08070

Vos, J , Furniss. D., Galal-Edeen, G. H., Chumbley, G., Franklin, B., Blandford, A., (2020) "Nurses as a source of system-level resilience: Secondary analysis of qualitative data from a study of intravenous infusion safety in English hospitals". Int'l Journal of Nursing Studies, Elsevier, ISSN: 0020-7489, IF: 5.022, Vol. 102, February 2020. https://doi.org/10.1016/j.ijnurstu.2019.103468

Blandford, A, Patricia C Dykes, Bryony Dean Franklin, Dominic Furniss, Galal H Galal-Edeen, Kumiko O Schnock, David W Bates (2019) "Intravenous infusion administration: a comparative study of practices between the United States and England and their implications for patient safety", Drug Safety, 13 June 2019. https://rdcu.be/bGHW0.

Wheeler, C., Furniss, D., Galal-Edeen, G. H., Blandford, A., & Franklin, B. D. (2019). Patients' Perspectives on the Quality and Safety of Intravenous Infusions: A Qualitative Study. *Journal of Patient Experience*. 1-6. https://doi.org/10.1177/2374373519843921

Wheeler. C., Furniss, D., Galal-Edeen, G. H., Blandford, A., Franklin, B., "A qualitative study of patients' experiences of receiving intravenous infusions", Poster abstract accepted at the HSRUK (Health Services Research UK) 2019 conference.

Galal-Edeen, G. H., Abdrabou, Y., Elgarf, M. Hassan, H. M. (2019) "HCI of Arabia: the Challenges of HCI Research in Egypt", ACM IX Interactions Magazine, pp 55-59, May-June 2019. DOI: 10.1145/3318215

Mohamed, H. A. H. & Galal-Edeen, G. H. "A Business Enterprise Resilience Model to Address Strategic Disruptions", International Journal of Management Sciences and Business Research, 11(2018):27-37. eISSN: e2226-e8235

Mohamed, H. A. H. & Galal-Edeen, G. H., "An Integrated Enterprise Resilience Architecture Framework for Surviving Strategic Disruptions", International Journal of Management Sciences and Business Research, 11(2018):38-51. eISSN: e2226-e8235.

Gaffar, N. A., Moussa, H., Kamel, A., Galal-Edeen, G. H (2018) "A Proposed Framework for Enhancing Story Points in Agile Software Projects. Indian Journal of Science and Technology, [S.l.], Volume 11, Issue 31, pp. 1-12, August 2018. ISSN 0974 -5645. Available at: <http://www.indjst.org/index.php/indjst/article/view/128780>. 10.17485/ijst/2018/v11i31/128780

Gaffar, N. A., Moussa, H., Kamel, A., Galal-Edeen, G. H. (2018) "A Classification for Software Estimation Sizing Techniques", Africa and Middle East Conference on Software Engineering (AMECSE 2018), 30-31 October, 2018, Cairo, Egypt.

Lyons, I., Furniss, D., Blandford, A., Chumbley, G., Iacovides, I., Wei, L., Cox, A.L., Mayer, A., Vos, J., Galal-Edeen, G. H, Schnock, K. O., Dykes, P. C., Bates, D. W., Franklin, B.D. (2018) "Errors and discrepancies in the administration of intravenous infusions: A mixed methods multihospital observational study". In: BMJ Quality and Safety 2018; 0:1–10. http://dx.doi.org/10.1136/bmjqs-2017-007476 (http://qualitysafety.bmj.com/content/early/2018/04/07/bmjqs-2017-007476)

Furniss. D., Lyons, I., Franklin, B., Mayer, A., Chumbley, G., Wei, L., Cox, A.L., Vos, J., Galal-Edeen, G. H., Blandford, A., (2018) "Procedural and documentation variations in intravenous infusion administration: A mixed methods study of policy and practice across 16 hospital trusts in England" In: BMC Health Services Research, 18:270 https://doi.org/10.1186/s12913-018-3025-x (https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-018-3025-x)

Galal-Edeen, G. H. & Hassan, H. M. (2018) "Notes on Cultural Issues for Healthy Interface Design and UX Evaluation Processes". CHI2018 Workshop: Exploring Participatory Design Methods to Engage with Arab Communities. Montréal, Canada, 21st-26th April 2018.

Hassan, H. M. and Galal-Edeen, G. H. (2017) "From usability to user experience," International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS), conference track: Track 2 - Artificial Intelligence, Robotics and Human-Computer Interaction. Okinawa, 2017, pp. 216-222. DOI: 10.1109/ICIIBMS.2017.8279761. URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8279761&isnumber=8279682

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LNBIP 175, pp. 363-377, Springer-Verlag Heidelberg.
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