

# CURRICULUM VITAE

## José Miguel Baptista Nunes, BSc, MSc, PhD, FHEA, FBCS



### One Page CV Synthesis

- **Surname:** Baptista Nunes
- **Forenames:** José Miguel
- **Chinese Name:** 龙乐思
- **Date of Birth:** 13 June 1963
- **Nationality:** Portuguese (EU)
- **Residency:** Resident in Sheffield, United Kingdom with EU citizen Settled status.  
Resident in Suzhou, China with a Chinese Working Visa
- **Civil Status:** Married, 1 Daughter.
- **Languages:** Portuguese, English, French and German
- **Membership of Learned Societies**
  - Fellow of the British Computing Society (FBCS)
  - Registered Practitioner and a Fellow of the UK Higher Education Academy (FHEA).
- **Research Interests**
  - *Information Systems*: IS Design and Development, IS Project Management, IS Risk Management, IS Change Management; IS Strategic Alignment.
  - *Information Management*: Information Behaviour; Information Needs; Trust and Acceptance of Information Technology; Information Management Cycles. Information Business Processes Optimization
  - *Knowledge Management*;
  - *IT for Digital Humanities and Cultural Heritage*;
  - *Educational Informatics and e-Learning*.
- **Research Outputs**
  - 270+ publications (incl. 2 research monograph, 1 edited book, 30 international conference proceedings, 18 book chapters, 68 journal papers).
  - Primary Investigator for 15 completed research and educational projects and have 2 ongoing ones (11 in Sheffield, 6 in SYSU).
  - 16 (Sheffield) + 3 (SYSU, China) completed PhD student supervisions.
  - Basic Research Indicators (Google Scholar: 04/04/2025)
- **Current Professional Position:**
  - 2025- to date Professor of Information Systems at the Faculty of Business of the City University of Macau, Macau, China.
- **Previous Professional Experience:**
  - 2024-2025 Professor of Information Systems at the School of Advanced Technologies, Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China.
  - 2022-2024 Dean of the School of Internet of Things, Entrepreneur College (Taicang), Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China.
  - 2016-2021 Professor and Director of the School Level VR + Culture Laboratory of the School of Information Management, Sun Yat-sen University, Guangzhou, China.
  - 2016- 2019 Professor and Dean of the School of Information Management of the Sun Yat-sen University, Guangzhou, China.
  - 1997-2017 Tenured Academic in the Information School of the University of Sheffield, UK.
- **Educational Qualifications:**
  - PhD in Information Studies (completed in April 1999, awarded in June 2000, Sheffield University, UK).
  - MSc in Information Management, (completed in September 1993, awarded in June 1994, Sheffield University, UK);
  - BSc in Applied Mathematics (1992, UAL, Lisbon, Portugal);
- **Contact Details:**

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h-index	35	25
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## CURRICULUM VITAE

**José Miguel Baptista Nunes, BSc, MSc, PhD, FHEA, FBCS**

**Detailed CV**

### **(1) General**

- Surname: Baptista Nunes.
- Forenames: José Miguel.
- Chinese Name: 龙乐思 (Long Le Si).
- Date of Birth: 13/06/1963 in Lisbon (capital of Portugal, EU)
- Nationality: Portuguese (EU).
- Residency: Resident in Sheffield, United Kingdom with EU Citizen Settled status.  
Resident in Taicang, Suzhou, China.
- Civil Status: Married with a Chinese citizen, no children.
- Languages: Bilingual in Portuguese (my native language) and English, as well as reasonably fluent in French, German.

### **(2) Education**

#### **1993-99 PhD in Information Studies**

University of Sheffield, Information School (at the time Department of Information Studies)

Thesis: "The Experiential Dual Layer Model (EDLM): a conceptual model integrating a constructivist theoretical approach to academic learning with the process of hypermedia design". Awarded in June 2000.

#### **1991-93 MSc in Information Management**

University of Sheffield, Information School (at the time Department of Information Studies)

Dissertation: "Design of a Hypertext On-line Reference Manual using an Object Oriented Approach: A case study for the Digital Exchange Hardware Configuration Information System of SIEMENS OEN". Awarded in June 2004.

#### **1988-91 Licenciatura in Applied Mathematics (equivalent to BSc) with major in Informatics.**

Universidade Autónoma de Lisboa, Department of Mathematics, Lisbon, Portugal (EU).

(Licenciatura was at the time a 4 year Portuguese first degree and is now equivalent to a BSc degree)

### **(3) Membership of Learned Societies**

- Fellow of the British Computing Society (FBCS), since 2013 (was Member from 2004-2013).
- Registered Practitioner and a Fellow (FHEA) of the UK Higher Education Academy (HEA), since 2007.
- Fellow (FIMIS) of the Institute for Management of Information Systems (IMIS) from 2002-2013 when it merged with the BCS.
- Member of the Scientific Advisory Board of the International Association for the Development of the Information Society (IADIS) (<http://www.iadisportal.org/advisoryboard>, <http://www.iadisportal.org/>), since 2002.

## **(4) Current Appointment**

## **(5) Last Full-Time Appointment**

- 01/12/2022 – 31/07/2025 – **Professor of Information Systems** at the School of Advanced Technologies. Department of Computing, Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China.
  - 31/04/2024 – 31/07/2025 - **Professor of Information Systems** at the School of Internet of Things, Entrepreneur College (Taicang), Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China.
  - 15/12/2022 - 31/04/2024 - **Dean of the School** of the School of Internet of Things, Entrepreneur College (Taicang), Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China.

## **(6) Previous Full-Time Appointments**

- 01/01/2016 - 31/12/2021 – **Professor of Information Systems** at the **School of Information Management** (ranked top B+ (4<sup>th</sup>) in the 2016 and 2020 Subject Assessment in China) of the **Sun Yat-sen University** (ranked top 10 in China) (please see attachment with my academic output during these 5 years).
  - 01/01/2016 - 31/12/2019 - **Dean of the School** of Information Management of the Sun Yat-sen University.
  - 24/10/2019 - 31/12/2020 - **Director of the VR+Culture Laboratory** of the School of Information Management of the Sun Yat-sen University, which was approved by the University on the 24/10/2019 and formally inaugurated on 23/12/2019.
- 01/01/1997 - 31/04/2016 - **Full-time Permanent Academic Member of Staff** in the **Information School** (now School of Information, Journalism and Communication) (ranked 1<sup>st</sup> in UK and 2<sup>nd</sup> in the world QS ranking in 2020) of **The University of Sheffield**, UK (Russel Group, ranked 93 in the world QS ranking in 2020).
  - - 01/01/2007 - 31/04/2016 - **Senior Lecturer** (equivalent to Tenured Associate Professor, Russel Group grade 9).
  - - 01/10/2000 - 01/01/2007 - **Lecturer B** (equivalent to Tenured Assistant Professor, Russel Group grade 8).
  - - 01/01/1997 - 01/10/2000 - **Lecturer A** (equivalent to Tenured Assistant Professor, Russel Group grade 7).
- 01/11/1993 – 01/04/1990 - **PhD Researcher** at the Information School (previously called Department of Information Studies and now called School of Information, Journalism and Communication, ranked 1<sup>st</sup> in UK and 2<sup>nd</sup> in the world QS ranking in 2020) of the University of Sheffield, UK (Russel Group, ranked 93 in the world QS ranking in 2020).

This research was funded by PRAXIS XXI, a full time Portuguese national research scholarship awarded by the Fundação para a Ciência e Tecnologia, which is a body of the Portuguese Ministry for Science and Technology (Ministério da Ciência e da Tecnologia). This organisation was formerly known as the Junta Nacional para a Investigação, Ciência e Tecnologia (JNICT). Specifically, this research aimed at establishing a new constructivist conceptual model for the design and development of hypermedia-supported applications for Higher Education.
- 1990-93 **Systems Analyst and Programmer** at the Department of Software Development, Information Systems Sector of **Siemens SA**, Portugal, Lisbon, Portugal.

Integrated in a software development team for the maintenance, redesign and development of a world wide distributed information system, based both in MS-DOS and BS2000 (a Siemens mainframe), I carried out the functions of programmer, database designer, systems analyst and specification negotiation with the German customer - Siemens OEN. From the technical point of view, I developed applications in COBOL 85 operating on both a MS-DOS environment and a Siemens mainframe proprietary hierarchical database transaction system (ISDAM-DPG).
- 1985-90 **Officer in the Portuguese Army in the Transmissions Recognition Service** (Ensign, 2<sup>nd</sup> Lieutenant, 1<sup>st</sup> Lieutenant)
  - 1988-1990 - Head of Informatics Section at the HQ of Lisbon Military Region, Lisbon, Portugal.

After completing my national service, I served two commissions as an officer (2nd and 1st Lieutenant). During this period, I worked with and developed standard DBMS and spreadsheet applications,

programmed in DBase II and III+, Clipper and COBOL. I also developed a large variety of meeting and conference presentation material based on story board software. Additionally, I was the person responsible for staff training and for the maintenance of all information technology equipment of the HQ.

- 1986-88 - Head of Radio Traffic Analysis Section at the HQ of Lisbon Military Region, Lisbon, Portugal. Called for the compulsory military service, and after graduating the Army Officer Course, I was integrated in the Information and Transmission Recognition Service. Placed in the Lisbon's HQ, I was put in charge of the Radio Traffic Analysis Section, where I was responsible for the quality and security control of radio transmissions in the entire Lisbon Military Region.
- 1985-86 - General Army Recruitment Training followed by Army Officer Course.

## **(7) Part-time/Temporary/Honorary Appointments**

- 2018-2020 - **Chair of the Asia-Pacific Chapter** of the **iSchools** movement (<https://ischools.org/>).
- 2018-2020 - **Member of the Board of Directors and of the Executive Board of the iSchools** movement (<https://ischools.org/>), whilst being Chair of the Asia-Pacific Chapter'
- 2017-2018 - **Chair of the Asia-Pacific Chapter** of the Association for Information Science and Technology (ASIS&T) (<https://www.asist.org/>).
- 
- 2015-2017 - **National High-end Foreign Expert** at the **School of Information Resources Management** (<http://sirm.ruc.edu.cn/>) of the **Renmin University of China** (<https://www.ruc.edu.cn/en>), Beijing, China. This position was sponsored by the **State Administration of Foreign Experts Affairs** (SAFEA - [https://en.wikipedia.org/wiki/State\\_Administration\\_of\\_Foreign\\_Experts\\_Affairs](https://en.wikipedia.org/wiki/State_Administration_of_Foreign_Experts_Affairs)) through a Chinese National Fellowship (<http://chinainnovationfunding.eu/project/2019-high-end-foreign-experts-recruitment-plan/>).
- 2021 - **Visiting Professor** at the **School of Management of Lanzhou University, Lanzhou, China**. Taught the spring semester module "IT Frontier and Business Management" for their International MBA programme. The module was taught online and at the distance from the UK.
- 2016-2019 - **Honorary Senior Research Fellow** in the Information School of the University of Sheffield, UK.
- 2013 - **Visiting Professor** at the **School of Information Management** (<https://www.nju.edu.cn/EN/7f/7d/c7136a163709/page.psp>) of **Nanjing University** (<https://www.nju.edu.cn/EN/main.htm>), Nanjing, China.
- 2009 - **Visiting Professor** at the **School of Management** (<http://cm.hust.edu.cn/English/HOME.htm>) at the **Huazhong University of Science and Technology** (<http://english.hust.edu.cn/>), Wuhan, China.
- 2004-2009 - **Visiting Professor** at the then Business School and now **Department of Social Sciences and Management** (<https://portal.uab.pt/dcsg/en/>) of the **Portuguese Open University** (<https://portal.uab.pt/en/conhecer-a-uab/>), Lisbon, Portugal.
- 2004-2008 - **Visiting Professor** at the **Instituto Superior de Estatística e Gestão de Informação**, known in English as Information Management School (<https://www.novaims.unl.pt/default>), of the **Universidade Nova de Lisboa** (<https://www.unl.pt/en>), Lisbon, Portugal.
- 2005 - **Visiting Senior Researcher** at the Research Center for Knowledge Communities, **Graduate School of Library, Information, and Media Studies** (<http://www.slis.tsukuba.ac.jp/grad/english/index-e.html>) at the **University of Tsukuba** (<http://www.tsukuba.ac.jp/en/>) in Tsukuba, Japan, sponsored by the **Japan Society for the Promotion of Science (JSPS) Gaikokujin Tokubetsu Kenkyuin Fellowship** (<https://www.jsps.go.jp/english/e-fellow/postdoctoral.html>).

## **(8) Awards and Scholarships**

Scholarships:

- 2025 – Talent Plan for the Visiting of World Renowned Scientists Hubei, sponsored by Hubei Provincial Department of Education, hosted by the Department of Computer Science of the Hubei University of Chinese Medicine (including fees, flights and accommodation to a total of 30.000 RMB).
- 2016-2020 - Sun Yat-sen University 100 Top Talent Scholar Program (including salary, seed fund and moving allowance to a total of 7.2 Million RMB).
- 2015-2017 - National High-end Foreign Expert Fellowship at Renmin University, Beijing China, sponsored by the Chinese State Administration of Foreign Experts Affairs (SAFEA) (including salary, flights and accommodation to a total of 360.000 RMB).

- 2005 - Gaikokujin Tokubetsu Kenkyuin Fellowship at the University of Tsukuba, Tsukuba Japan sponsored by the Japan Society for the Promotion of Science (JSPS) (10.000.000 JPY ± 75.000 GBP)
- 1993-1999 - Praxis XXI Full PhD Scholarship at the University of Sheffield, UK from the Portuguese Ministry of Science and Technology (60.000 Euros).

#### Awards

- 2019 - Sun Yat-sen University Level award as “Excellent Master Supervisor” (certificate number: 20194017).
- 2019 – National Chinese award (top 10) for “Favorite Teacher of Chinese Students”, by the Ministry of Science and Technology for service to education in China.

### (9) Patents

- Whilst in Sun Yat-sen University I have together with my research group, submitted 3 requests for patents to the China National Intellectual Property Administration based on my digital humanities research:
  - A method and system for teaching case-study presentation based on immersed virtual reality. Inventors: Miguel Baptista Nunes, Li Junyang, Zhang Ning. Acceptance no.: 202011132661. Date of preliminary acceptance: 21/10/2020. Rejected on 26/10/2022.
  - A classification system and labelling method for city memory resources. Inventors: Luo Tingyu, Miguel Baptista Nunes. Acceptance no.: 202011200714.9. Date of preliminary acceptance: 03/11/2020. Rejected on 25/04/2024.
  - **A reading method and a system construction method for VR ancient books. Inventors: Zhang Ning, Miguel Baptista Nunes, Li Junyang. Acceptance no.: 202011244189.0. Date of preliminary acceptance: 10/11/2020. Date of final approval 03/11/2023.**
- Whilst in XJTLU I have as a result of my current focus in computing and together with a number of external colleagues submitted 3 requests for patents, 2 to the China National Intellectual Property Administration and an adapted version of one of those to the Rijksdienst voor Ondernemend Nederland:
  - **A Target Detection Method and System Based on Privacy Protection and Optimal Selection Strategy. Inventors: Hui Chen, Miguel Baptista Nunes, Fang Hu. Acceptance no. in the Octrooicentrum Nederland, onderdeel van Rijksdienst voor Ondernemend Nederland: 2038242. Date of preliminary acceptance: 29/07/2024.**
  - **A Target Detection Method and System Based on Privacy Protection and Optimal Selection Strategy. Inventors: Hui Chen, Deng Zhi, Miguel Baptista Nunes, Fang Hu. Acceptance no. in the China National Intellectual Property Office: 202410681974.4. Date of preliminary acceptance: 29/05/2024. Date of final approval: 15/05/2025.**
  - Node representation learning and community partitioning method based on multi-level neighbor information fusion. Inventors: Fang Hu, Kim Mengyuan, Hui Chen, Miguel Baptista Nunes, Acceptance no.: 2024107316135. Date of preliminary acceptance: 06/06/2024.

All Chinese submissions may be verified online on the Chinese CNKI database, where I am referred to as Long Lesi (

## **(10) Academic Leadership, Management and Administration**

In the **School of Internet of Things, Entrepreneur College (Taicang), Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China:**

- **Dean of the School (2022-2024)** - I was the founding Dean of the School, following the leadership of the previous Acting Dean of School. I was responsible for the strategic thinking, structuring of the School, leading the discipline construction, human resources management (Recruitment, PDR, and Promotions), budget planning, laboratory equipment renovation and creation of new laboratories as well as all aspects of teaching and research. When I left, the School was in its early stages counting 10 academic staff, 4 administration staff, 3 laboratory technicians and circa 150 students at undergraduate level. I led the complete revision and major changes to our BEng programme and also led the now submitted to UoL proposal for the School's first Master Programme. I also supported the reasonably successful PhD program. XJTLU is a joint venture university between two excellent and world renown Chinese and UK universities. During this period I had to use my understanding of Chinese and UK National cultures and Academic values to conjugate interpretation and execution of University regulations and policies. I also had to adapt in terms of leadership modes and style, communication skills, administrative methods and generally what is a very unique academic environment. I have communicated extensively with Vice-Presidents, Principles, Directors, Deans and Academics in this university and created an extensive understanding of issues, opportunities and problems facing international joint-venture universities in China.

In the **School of Information Management of the Sun Yat-sen University, Guangzhou, China:**

- **Dean of the School (2016-2019)** - I was responsible for discipline construction, strategic thinking, 13<sup>th</sup> 5 year plan, human resources management, budget planning, building maintenance and renovation, equipment, teaching and research. The School has more than 1200 students at undergraduate, masters, professional masters, PhD and postdoc, 35 members of academic staff and 12 members of administrative and CPC party staff and a varying number of research associates and research assistants. As part of my leadership, the School improved in all criteria of university evaluation as well as placed the School in a world rank for the first time ever in its history, namely 51 in the AWRU world ranking in 2020. During this period I developed an understanding of Chinese National and Academic culture, namely in terms of leadership modes and style, communication skills, ideological imperatives, administrative methods and generally what is known in China as "Chinese characteristics". I have communicated extensively with Deans and Academics in this discipline and created an extensive network of contact all over China.
- **Director of the VR+Culture Laboratory (2019-2020)** - I was founder of this virtual reality lab and invested 2 million RMB of my university seed fund on it. I was responsible for creative thinking, strategic development, research supervision, recruitment and administrative supervision of the lab. By the time I left, three distinct applications were developed on: VR Chinese Ancient Book, VR Museum and VR case study to support the assessed groupwork for an UG IS Analysis and Design module.
- Module Coordinator for a number undergraduate and PhD research methods modules of which I would like to highlight: Information Systems Analysis and Design (2016-2020), Advanced Research Methods and Design in Library and Information (2016-2020) and Advanced Ethics for Information Systems and Information Science Research (2017-2019).

In the **Information School of the University of Sheffield**:

- Member of the following Departmental Committees: Strategy (2009-2013), Research, Teaching, Staff and Student-Staff.
- **Head of the Information Systems Research Group** (2009-2016). I was responsible for the research group's coordination, strategic thinking and IS teaching development.
- **Head of the Information and Knowledge Management Research Group** (2007-2010). I was responsible for the research group's coordination, strategic thinking and IM teaching development.
- **Programme Coordinator for the MSc in Information Systems** (2009-2017). This programme was offered jointly with the Computer Science Department.
- Creator, Founder and **Programme Coordinator for the MSc in Information Systems Management** (2008-2012). This programme is offered jointly with the University's Management School.
- **Programme Coordinator for the MSc in Information Management** (2002-2007).
- Module Coordinator for a number of modules, of which I would like to highlight two of the core modules in MSc in IS and the MSc in ISM programmes: IS Modelling (1997-2015) and IS Project Management (2002-2016).

## **(11) Academic Research**

- My main area of research is **Information Systems (IS)**, a discipline in which I have been an active academic for 28+ years. The choice of the discipline was also influenced from my early professional experience (7 years) in this area. My main research interests and well established and proven expertise are in the areas of:
  - ✓ Information Systems: IS Design and Development; Decision Support Systems; IS Project Management; Information Systems Risk Management; Information Systems Change Management; Information Systems Strategic Alignment.
  - ✓ Information Management: Information Behaviour; Information Needs; Trust and Acceptance of Information Technology; Information Management Cycles.
  - ✓ Knowledge Management.
  - ✓ Applied IoT for societal and organisational uses.
  - ✓ Educational Informatics and e-Learning.
- During my 5 year stay in Sun Yat-sen University I have developed two areas of interest that are closely related to main of research of Information Systems (IS). The built-up on previous research projects and PhD supervision in Sheffield, but come to fruition with emerging opportunities in China:
  - ✓ Government Information Systems: Government Business Information Processes Optimization (was successful in acquiring a 1.1 million RMB project from Guangzhou Government); City Information Modelling (CIM); City Building Modelling; Data quality analysis; Database Modelling (was successful in acquiring a 1.38 million RMB project from Guangzhou Government).
  - ✓ IT centric Digital Humanities: VR Books, VR Museums (was awarded a Guangdong Province Natural Science Project in this area); Gamification for Informal Learning in Museums; Recommender Systems for Digital Memory and VR based Cultural Heritage dissemination.
- Preferred Research Methodologies:
  - ✓ Design Science Research.
  - ✓ Qualitative Approaches such as Grounded Theory; Thematic Analysis; and A-priori coding Thematic Analysis.
  - ✓ Survey Research.
  - ✓ Mixed Methods Approaches.
- Research Outputs:
  - ✓ I have 16 (Sheffield, UK) + 4 (SYSU, China) completed PhD student supervisions and 3 more undergoing ones;
  - ✓ I have been Primary Investigator for 17 completed research and educational projects (11 in Sheffield, 6 in SYSU).

- ✓ I have a total of 282 publications, including 3 research monograph and 1 edited book,
- ✓ I have 2 Chinese Patents and 1 International
- ✓ Basic Research Indicators (Google Scholar: 11/06/2025)

Cited by		
	All	Since 2021
Citations	5616	1703
h-index	36	24
i10-index	80	39

**Please see in attachment for specific details on publication, PhD student supervision, and research projects.**

## **(12) Academic Teaching**

In Xi'an Jiaotong-Liverpool University (XJTLU):

- In the School of Internet of Things, I was exempt from teaching duties whilst at the Entrepreneur College (Taicang) whilst appointed as a Dean of the IoT School. Therefore, my learning and teaching main duties were to lead the curriculum review and design undergraduate and master's levels courses. At undergraduate level we redesigned the BEng in IoT by removing all generic Business School optional modules, adding electronic engineering foundation modules, a data science for IoT theme throughout the programme and optional modules on IoT application environments such as: IoT for Smart Cities, IoT for Smart Manufacturing, and IoT for Healthcare Practice and Environments. I also lead the development from scratch of a new MSc in Advanced IoT.
- In the School of Advanced Technologies, I lead a module on **Introduction to Emergent Technologies** and participated in the teaching of a university wide module on

In the School of Information Management of the Sun Yat-sen University:

- At the School of Information Management of the Sun Yat-sen University, and for 5 years (2016-2020), I have again contributed to the development of the Information Systems and Information Management undergraduate programme (BSc in IM&S) and developed 10 English language modules of which I taught 4 (**IS Analysis and Design, IS Project Management, IS Change Management and Knowledge Management**). This development was supported by two educational projects which also aimed at designing and constructing a teaching laboratory fully equipped with computers operating with full English versions of all the Operating System and SW necessary for the teaching.
- During this same period I also contributed and led the restructuring and remodelling of the PhD program, introducing core modules in Research taught in English and taken by all PhD students, of which I taught 2 (**Research Methodologies and Research Ethics**). The aim in this strategy was twofold, the teaching of research methods and the use of the English language in the context of research to facilitate publication in the future.
- During this period and building on the long experience gained in Sheffield, I successfully introduced and developed experiential learning, problem-based learning and inquiry-based approaches in the curriculum design of my undergraduate and postgraduate modules. Approached that are less common in China. I also developed a VR environment to support case-study supported problem-based learning in the IS Analysis and Design module.
- I also created, organised and taught on the 4 consecutive versions (2016 – 2019) of the “**International Summer School on Information Research Methodologies and Methods**”. This was a full English teaching environment that focused on basic research methodologies and representative information research topics, around which students carried out and practice research understandings and skills. For 10

days, students took part in theoretical sessions in the morning and practical sessions in the afternoon. During these practical sessions, students were requested to create research questions on the morning topics and produce research designs that challenged their research capacity. Both Chinese and International speakers from the US, Europe and Korea were invited to teach and work with the students.

- I have supervised to completion 4 undergraduate final year projects.
- I have supervised to completion 2 Academic Master (3 year programme) students and 4 Professional Master (2 year programme) students.
- I have supervised to completion 4 PhD students.

In the Information School of the University of Sheffield:

- At the Information School of the University of Sheffield, and for more than 19 years (Jan 1997- Apr 2016), I have contributed to the development of Information Systems and Information Management programmes (**MSc in IM, MSc in IS, MA in IT Mgt, MSc in ISMgt, BSc in IM and BSc in Informatics**) and modules (**Database Design, IS Modelling, IS Project Management, IS Change Management, IS in Organisations and Educational Informatics**).
  - During this period, I successfully introduced and developed experiential learning, problem-based learning and inquiry-based approaches in the curriculum design of a number of undergraduate and postgraduate modules.
  - I also contributed to the design, development and introduction of web-based learning environments to support undergraduate, postgraduate and continuous professional distance education programmes and modules (namely the MA in IT Mgt).
  - Additionally, I have actively pursued the design and implementation of innovative forms of both group and individual assessment within Information Systems modules, aiming at enabling situated, collaborative and active learning approaches.
  - I have supervised more than 15 undergraduate final year projects.
  - I have supervised more than 160 Master's dissertations.

### **(13) Professional and External Development Activities**

In collaboration with IADIS

- I was the founder and have been the Programme Chair for the IADIS International Conference on Information Systems (since 2008) - <http://www.is-conf.org/>.
- I was the co-founder and have been the Programme Chair for the IADIS International Conference on E-Learning Conference (since 2007) - <http://www.elearning-conf.org/>.
- I was the co-founder and have been the Programme Chair for the IADIS International Conference on Information Systems Post-implementation and Change Management (2012) - <http://www.ispcm-conf.org/>.
- I was the Programme Chair for the IADIS International Conference on WWW/Internet (from 2005-2009) - <http://www.internet-conf.org/>.

Whilst at XJTLU:

- Invited keynote speech entitled “Does Scientific Publication Need to Be Boring? More Questions than Answers” at the 3rd Symposium on the Advancement of Scientific and Technological Journals (SASTJ-2004), organised by the Chinese National Science Library of the Chinese Academy of Sciences in Beijing, 27-30 of May 2004, East Tai Lake Grand Hotel, Suzhou, Jiangsu, China.
- Guest Speech entitled “No Information, No Life? But ... what Information? “ at the 2023 TEDxXJTLU Annual Conference, 9 December 2023, XJTLU, Suzhou, Jiangsu, China
- World Renowned Scientists in Hubei invited speech entitled “Ethical and Social Impact of Emergent Technologies” at the Hubei University of Chinese Medicine, 10<sup>th</sup> May 2025.

Whilst in the School of Information Management of the Sun Yat-sen University:

- Invited keynote speech titled “Digital economy is here to stay. But how do we control the unpredictable nature of technological change and ensure that innovation serves society and national priorities?” at the Chinese Ministry of Industry International Digital Economy Expo 2021, 6-17 September, Zhangjiakou, Hebei, 2021.
- Invited keynote speech titled “Change management of information system in digital economy era” at the Chinese Ministry of Industry International Digital Economy Expo 2019, 11-13 October, Shijiazhuang, Hebei, 2019.
- Invited keynote speech titled “Qualitative research methods: theory and practice in the information discipline” at the Seminar of Research on Frontier Issues of Information Science, 21 October, Beijing, China, 2019.
- Invited keynote speech titled “Knowledge services: the missing link between knowledge management and innovation” at the 9th International Conference on Information Capital, Property and Ethics, 15-18 June, Beijing, China, 2019.
- Invited keynote speech titled “Qualitative research methods: theory and practice” at the International Symposium of Data Science & the Development of iSchools, 16 April, Shanghai, China, 2019.
- Invited keynote speech titled “Bridging the missing link between knowledge management and innovation” at the 2018 International Forum & Symposium on Information Resources Management and Information Society Innovation, 20-22 November, Shanghai, Beijing, 2018.
- Invited keynote speech titled “Knowledge services: the missing link between knowledge management and innovation” at the 2nd International Conference on Information Management & Libraries, 10-12 October, Lahore, Pakistan, 2018.
- Invited keynote speech titled “Library and Information Science: an analysis of the Situation in Europe and US” at the 8th International Conference on Information Capital, Property and Ethics, 14-15 December, Taipei, China, 2016.
- Invited keynote speech titled “Information science: discipline or disappearance. Still a problem after 46 years!” at the 2nd International Conference on Information Acquisition and Knowledge Services joint with the 7th Workshop on Search Behavior and User Cognition, 21-23 October, Wuhan, China, 2016.
- Chaired, created and organised the “Digital Humanities Research and Teaching in the Information Discipline” conference, 23rd Dec 2019, Sun Yat-sen University, Guangzhou, China. The conference aimed at discussing the development of digital humanities in the information discipline and attracted some of the most prominent speakers from China, South Korea, HK and UK. The conference attracted circa 40 Chinese and foreign speakers and delegates.
- “Asia-Pacific Congress on the Information Discipline Review (CIDR 2016)”, 30th Nov -2nd Dec 2016, Sun Yat-sen University, Guangzhou, China. The aim of CIDR was to provide an opportunity for academics, researchers and professionals from the various fields of the information discipline to engage in intra-disciplinary discussion that may lead to review of the discipline, advancement of theoretical conceptualisations of the different sub-fields. The conference attracted circa 50 Chinese and foreign speakers and delegates.
- Chair of the Asia-Pacific iDeans meeting and iSchool meeting of the International Forum 2019: Crossroads of Sciences on Knowledge, Information and Data in conjunction with 21st International Conference on Asia-Pacific Digital Libraries (ICADL), 9th Asia-Pacific Conference on Library & Information Education and Practice (A-LIEP), 3-8 November, Kuala Lumpur, Malaysia, 2019.
- Chair of the Asia-Pacific iDeans meeting and iSchool meeting of the 20th International Conference On Asia-Pacific Digital Libraries International (ICADL 2018), 9-22 November 2018, University of Waikato, Hamilton, New Zealand.

Whilst in the Information School of the University of Sheffield:

- I was the Conference Chair for the European Conference on Research Methodology for Business and Management Studies (ECRM 2007) - <http://academic-conferences.org/ecrm/ecrm2007/ecrm07-home.htm>
- I have been a member of scientific committees for international conferences and have chaired a number of sessions at conferences and presented a invited contributions or workshops on 4 occasions.
- I have been an External Examiner, in the areas of Business Information Systems and Information Management, for four different universities in the UK (Aberystwyth University, University of Bradford and Loughborough University).

- I have served as External Examiner for 9 PhD vivas (Loughborough, London Birkbeck, London Royal Holloway, London Brunel (2), Leeds, UK; Minho (2), Portugal; and Limerick, Ireland). As an Internal Examiner I served in 3 PhD vivas in Sheffield and served in 3 PhD examinations panels in Sun Yat-sen (6 students).
- I also served as External Examiner for Masters vivas (1 in Limerick, Ireland, 1 in Porto, Portugal, and 2 for the Portuguese Open University, Lisbon, Portugal).
- I have served as a panel member on behalf of the University of East London (UEL) in two different Quality Assurance (QA) events at the Financial Training & Management Services (FTMS) College, Kuala Lumpur, Malaysia. These events were held on 18th and 19th June 2012 included the Validation of a new programme (BSc (Hons) Computer Networks) and the Collaborative Review between UEL and FTMS that involves 3 undergraduate programmes and 2 master programmes.

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## Attachment A: Complete List of Publications

### Refereed Journal Articles

- [1] Hu, F., Qiu, S., Wu, C., **Baptista Nunes, J. M.** and Chen, H (2024) “Privacy-Preserving Healthcare and Medical Data Collaboration Service System Based on Blockchain and Federated Learning”, *Computers, Materials & Continua*, 80(2), pp. 2897-2915. (SCI)
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- [3] Chen, H. and **Baptista Nunes, J. M.** (2019) “Retaining professional tacit knowledge and evidence of experience through electronic records management”, *IADIS International Journal on Computer Science and Information Systems*, 14(2), pp. 1-24.
- [4] Kanwal, S., **Baptista Nunes, J. M.**, Arif, M., Chen, H., and Madden, A. D., (2019) “Application of boundary objects in knowledge management research: a review”, *The Electronic Journal of Knowledge Management*, 17(2), pp. 100-113.
- [5] Chen, H., **Baptista Nunes, J. M.**, Ragsdell, G. and An, X. (2019) “Somatic and cultural knowledge: drivers of a habitus-driven model of tacit knowledge acquisition”, *Journal of Documentation (SSCI)*, 75(5), pp. 927-953.
- [6] Zhang, N., **Baptista Nunes, J. M.**, Peng, G. C. and Wang, L. J. (2019) “Lessons learned from the preparation for the 13th five-year plan for large and complex smart cities in China”, *IADIS International Journal on Computer Science and Information Systems*, 14(2), pp. 78-94.
- [7] Wang, M. and **Baptista Nunes, J. M.** (2019) “Matching Serious Games with Museum’s Educational Roles: Smart Education in Practice,” *Interactive Technology and Smart Education*, 6(4), pp 319–42.
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- [10] Chen, H., **Baptista Nunes, J.M.**, Ragsdell, G., An, X. (2018) “Extrinsic and intrinsic motivation for experience grounded tacit knowledge sharing in Chinese software organisations”, *Journal of Knowledge Management (SSCI)*, 22(2), pp.478-498.
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- [12] **Baptista Nunes, J.M.** (2017). “Understanding Big Data for Industrial Innovation and Design: The Missing Information Systems Perspective”. *Journal of Data and Information Science*, 2 (4), pp 1–6.
- [13] Peng, G.C. and **Baptista Nunes, J.M.** (2017). “Establishing an evidence-based 9D evaluation approach for ERP post-implementation”. *Industrial Management & Data Systems (SSCI)*, 117(2), pp. 398-424.
- [14] Peng, G.C., **Baptista Nunes, J.M.** and Zheng, L. (2017). “Impacts of low citizen awareness and usage in smart city services: the case of London’s smart parking system”. *Information Systems and e-Business Management (SSCI)*, 15(4), pp. 845-876.
- [15] Isaias, P.; Powell, P. and **Baptista Nunes, J.M.** (editors) (2017) “Special Issue on Trends in Applied IS Research”. *Journal of Electronic Commerce in Organizations*, 15(2), pp. 1-76
- [16] Zhou, L. and **Baptista Nunes, J.M.** (2016). “Barriers to knowledge sharing in Chinese healthcare referral services: an emergent theoretical model”. *Global Health Action (SSCI)*, 9(1), 29964.

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[63] Zhang. N, **Baptista Nunes, J.M.**, Li. J.Y, Zhang. W. B. (2021). Designing a Virtual Reality Chinese Ancient Book System for Reading and Culture Promotion: a Theoretical Model Development and Implementation. *Library and Information Service*, 65(11): 12-24. . (CSSCI)  
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张洋,罗婷予, Miguel Baptista Nunes. 基于用户体验的数字记忆资源推荐系统界面设计研究[J/OL].图书馆建设: 1-13 [2021-10-14]. <http://kns.cnki.net/kcms/detail/23.1331.G2.20210903.1720.002.html>.

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罗婷予, Miguel Baptista Nunes. 面向智能资源发现服务的城市记忆资源元数据方案构建[J].图书馆建设,2021(05):98-106.

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## Books

[70] Chen, H. and **Baptista Nunes, J. M** (2023) *Professional Empowerment in the Software Industry through Experience-Driven Shared Tacit Knowledge: A Case Study from China*, Springer Singapore.

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## Edited Conference Proceedings

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<sup>1</sup> This paper was extremely well received and was one of three papers, out of over 100 papers presented at the conference, to be reported at The Time Higher Education Supplement, July 7 2006, N° 1,750. Our presentation was reported in an article by Jessica Shepperd, entitled "Web-based discussion forums 'marginalise dyslexics'" and printed on page 10.

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[279] **Baptista Nunes, J. M.** and McPherson, M. (2002) "Teleworking: A Challenge for the Future?", *The Institute for the Management of Information Systems Journal*, 12(5), 15-17.

[280] **Baptista Nunes, J. M.** and McPherson, M. (2002) "The Management of Information", *The Institute for the Management of Information Systems Journal*, 12(4), 15-17.

[281] **Baptista Nunes, J.M** (1999) *The Experiential Dual Layer Model (EDLM): a Conceptual Model Integrating a Constructivist Theoretical Approach to Academic Learning with the Process of Hypermedia Design*. PhD Thesis, University of Sheffield, Department of Information Studies: Sheffield, United Kingdom.

[282] **Baptista Nunes, J.M** (1993) *Design of a Hypertext On-line Reference Manual using an Object Oriented Approach: A case study for the Digital Exchange Hardware Configuration Information System of SIEMENS OEN*. MSc Dissertation, University of Sheffield, Department of Information Studies: Sheffield, United Kingdom.

## Attachment B: PhD Research Supervision

In the School of Information Management of the Sun Yat-sen University:

1. **Kanwal, Saima** - Identifying and Characterising the Role of Boundary Objects in Inter-Professional Knowledge Sharing: A Case of Higher Education Institution of Pakistan (Completion: 2019). Saima is currently the Assistant Director for Academic Co-ordinations at the International Islamic University Islamabad, Islamabad, Pakistan.
2. **Wang, Meng** - Using Gamification as a Tool for engaging Young Teenagers in Edutainment Experiences in Chinese Local Museums (Completion: 2020). Meng is currently a postdoc researcher at the Center for Studies of Hong Kong, Macao and Pearl River Delta of Sun Yat-sen University, Gunagzhou, China.
3. **Zhang, Ning** - Research of Designing a Virtual Reality Enabled System Model for Chinese Ancient Book Reading Promotion (2021). Ning is currently a lecturer at the Beijing Normal University (Zhuhai).
4. **Luo, Ting Yu** - Research on the Recommendation of Digital Memory Resources Based on User Experience (2022). This thesis won the Chinese National Best Dissertation in Information Science Award. Tingyu is currently a postdoc researcher at the Business School of Sun Yat-sen University.

In the Information School of the University of Sheffield:

5. **Annansingh, Fenio** - Exploring knowledge leakage risks exposure resulting from 3D Modelling in organisations: a case study (Completion: 2006). Fenio is currently an **Assistant Professor** at the Business and Economics Department of the York College of the City University of New York.
6. **Woodfine, Brian** - Problems posed by text-based synchronous collaborative learning to students with dyslexia: an investigation (Completion: 2007).
7. **Bashir, Irfan** – How could knowledge management support innovation in small to medium-sized enterprises in the UK energy sector? Co-supervised with Dr N. Russell from the Department of Chemical & Process Engineering. (Completion: 2007).
8. **McPherson, Maggie** - Critical success factors for e-learning in higher education: an emancipatory and critical research approach. (Completion: 2008). Maggie is a retired **Senior Lecturer** of the **University of Leeds**.
9. **Polding, Robert** – An investigation into the conversion of the paper-based version of The Times Good University Guide (GUG) into a full dynamic WWW version (Completion: 2009). Robert is currently a **Lecturer** at the School of Human Sciences and Technology of the **IE University**, Madrid, Spain.
10. **Peng, Guo Chao (Alex)** – Barriers and risks associated with the post-implementation of ERP systems in China: cases of state-owned enterprises in the electronic and telecommunication manufacturing sector in Guangdong (Completion: 2009). Alex is currently a **Professor** at the Sun Yat-sen University, Guangzhou, China.
11. **Hilal Al-Mamari, Salim** – Adoption of Information Systems in the Omani Organisations: case of CRM in the banking sector. (Completion: 2010).
12. **Zhou, Lihong (Nick)** Identifying barriers to sharing patient knowledge between healthcare professionals from traditional and western medicines in Chinese hospitals (Completion: 2011). Nick is currently a **Professor** and **Vice-Dean** at the School of Information Management of the University of Wuhan, China
13. **Katakatos, George** – Problems of communication, collaboration and cooperation in multicultural groups engaged in eLearning through synchronous text-based communication. George secured a SEERC University Fee Bursary and was co-supervised with Dr Iraklis Paraskakis from City College, Thessaloniki (Completion: 2012).
14. **Sayed Naser** - Factors Influencing Perceived Trust on e-Voting Solutions: A Study within Bahrain's Parliamentary (Completion: 2012).
15. **Jorge Martins** - Pathways to Trust and Adoption: A Grounded Theory of Academics' Perceptions of E-learning in Portugal (Completion: 2013). Jorge is currently a **Senior Lecturer** at the University of Sheffield.

16. **Adil Mohamed** - A decision model for e-procurement Decision Support Systems for Public Sector using Multi-Criteria Decision Analysis (Completion: 2014). Adil is currently the **Executive Dean** of Villa College in the Maldives (<http://www.villacollege.edu.mv/>).
17. **Si Chen** – Addressing IS Strategic Alignment Failure in Chinese State Owned Companies: A Case Study. (Completion: 2015). Si is currently a **Lecturer** at Nanjing University, China.
18. **Hatoon Qadiee** - The Perceptions of Changes in Teaching Practices due to the Deployment of Virtual Learning Environment Systems in Saudi Higher Education Institutions from Teaching Academics Perspective. (Completion: 2015). Hatoon is currently a **Lecturer** at Omega College (a private women-only HEI), Jeddah, Saudi Arabia.
19. **Reza Mojtaheh** - An Identification of Decision-Making Factors in Post-Implementation Development of E-Government Projects in the UK: A Single Case Study of Sheffield City Council (Completion: 2015).
20. **Arwa Aljohani** - An Investigation of the Factors Leading to ERP Obsolescence in Higher Education Institution in Saudi Arabia: A Case Study. Co-supervised with Prof. Alex Peng from my Sheffield IS Research Group (Completion: 2016). Arwa is now the Vice President of Innovation at Taibah Valley College, Taibah Valley, established by the University of Taibah in 2018, is a leading company in blockchain, IoT, and AI.

## Attachment C: Complete List of Research Projects

In the School of Information Management of the Sun Yat-sen University:

Research Projects:

1. 2019/10-2022/09 - **Grant Holder and Principal Investigator** of Guangdong Basic and Applied Natural Science Research Fund Project, entitled “Research on Theory and Modelling of Virtual Reality Ancient Books using Artificial Intelligence” awarded by the Guangdong Foundation Committee for Basic and Applied Basic Research (Project No: 2019A1515011260). The total grant was 100.000 RMB.
2. 2020 - **Grant Holder and Principal Investigator** of a Guangzhou City Government Research Project entitled “Integration and optimal utilization of CIM database in "one map" platform environment” (Project No: 2020A007), funded by Guangzhou Urban Planning and Research Centre of the Urban Planning and Natural Resources Bureau, Guangzhou City Government, Guangzhou, China, under the Program entitled “City Maintenance Plan-Guangzhou City Planning Management "One Picture" Platform Annual Dynamic Maintenance Work Fund”. The total grant was 1.3 Million RMB
3. 2016-2017 - **Grant Holder and Principal Investigator** of a Guangzhou City Government Research Project entitled “Redesigning and Optimising the Business Processes for Land Resources and Planning Approval in the Guangzhou Local Government” (Project No. 1711009), funded by the Land Resources and Urban Planning Division of the Guangzhou City Government, Guangzhou, China. The total grant was 1.1 Million RMB.
4. 2016-2020 - **Grant Holder** of a Sun Yat-sen University High-level Talent Scientific Research Supporting Fund (seed fund of the 100 Top Talent Scholar Program) aimed at developing information science, information management and information systems interdisciplinary research. I used this fund to fully equip and develop an Information Systems Research Institute (circa 500.000 RMB) and a VR+Culture Laboratory (circa 1.8 million RMB). The grant was awarded jointly the Ministry of Education and Sun Yat-sen University. The total grant was 3 million RMB.

Educational Projects:

5. 2016-2019 **Grant Holder and Principal Investigator** of Sun Yat-sen University Key Project for Professional Cadres (Project No. 20000-18822602) entitled “Construction of information system modules in English for the key information science 2nd level discipline”. The project aimed at designing, developing and implementing 10 semester modules in Information Systems, fully taught and assessed in English. The project also aimed at designing and constructing a teaching laboratory fully equipped with computers operating with full English versions of all the SW necessary for the teaching. The total grant was 1 Million RMB.
6. 2020/01-2022/01 **Grant Holder and Principal Investigator** of “Key Project for the Undergraduate Teaching Reform” of Sun Yat-sen University entitled “Research Course Evaluation of Problem-based Teaching Methods Using Virtual Reality Technology”. The total grant was 40,000 RMB.

In the Information School of the University of Sheffield:

7. 2012 **Principal Investigator** for the School’s contribution to a University of Sheffield Collaborative R&D and Partnership Award entitled: “Communication for Life: Enabling Effective Communication in Adolescents with Severe and Complex Speech, Language and Communication Disability” (SLCD). The research, done in collaboration with Human Communication Sciences Department, aimed to develop an e-resource system to train school teachers and students as well as make them become more aware of the needs of young children with learning difficulties. The project had a total fund of £38,282.
8. 2008-2009 **Principal Investigator** for the School’s contribution to a Birmingham City University CETL Project entitled: “Integrated Environments for Phonetics Learning and Practice”. The research, done in collaboration with Birmingham’s Division of Speech and Language Therapy, aimed producing authentic learning environments that enable phonetics students at the Division to engage in active learning at their own pace and according to their own learning styles. The project had a total fund of £7,500.
9. 2006-2007 **Principal Investigator** on a Liverpool City Council funded Project (Contract No 1011/H) included in the St. George’s Hall Restoration Phase 2 entitled. “Design, Development and Production of a Personal RFid-PDA Based Tour”. The research, done in collaboration with Linotek Ltd and the Janvs Design Group, aimed producing

a PDA tour of the St Georges Hall, triggered by RFid devices placed in critical locations throughout the building. The project had a total fund of £127,500.

10. 2003-2006 **Grant holder and principal investigator** of a PricewaterhouseCoopers LLP (PwC) PhD Studentship entitled "An investigation into the conversion of the paper-based version of The Times Good University Guide (GUG) into a full dynamic WWW version". The research aim is to investigate and propose a model for an e-commerce version of GUG. The project had a total fund of £46,220.
11. 2003-2006 **Principal Supervisor** of a SEERC Fee Bursary for a PhD entitled: "An Investigation into Multicultural Constructivist Online Learning Environments to Complement Traditional Teaching". This project is for a cross-sectional student, primarily located at the SEERC, City College, Thessaloniki, Greece. This project is co-supervised by Dr. Iraklis Paraskakis, lecturer in City College. The project had a total fund of £ 8,820.
12. 2006 **Grant holder and principal investigator** of a consultancy research project that aimed at carrying out a Systematic Literature Review on Workbased e-Learning for a not-for-profit professional association representing the e-Learning industry named Learning Light. Learning Light is supported by Yorkshire Forward, the regional development agency for Yorkshire, and the Humber and Objective 1 South Yorkshire. It has a nationwide - and international - remit to provide bespoke and individual services to help both buyers and suppliers of learning technologies. The project had a total fund of £20,000.
13. 2006 **Grant holder and principal investigator** of a HEFCE Knowledge Transfer Opportunities Fund project INF.HE5700526 - a government funded scheme involving the University of Sheffield and Sheffield Hallam University - entitled "A feasibility study investigating the use of handheld computing devices to support a richer and personalised museum experience." This 3 month small research project was undertaken in collaboration with the JANVS Design Group & VIDAR Media Ltd and Professor Peter Ainsworth from the Department of French. The project had a total fund of £14,735.
14. 2004 **Grant holder and principal investigator** of a HEIF Knowledge Exchange project - a government funded scheme involving the University of Sheffield and Sheffield Hallam University - entitled "Knowledge Management Issues in Knowledge-Intensive SMEs". This six month research project was undertaken in collaboration with Kusala Web Developments Ltd. The project had a total fund of £8,770.
15. 1999-2001 **Project manager and principal investigator** for the Sheffield contribution to "MERLIN 2000 - Professional training in engineering using web- based distance learning in engineering: a pilot study linking the university to industry", which was a Leonardo da Vinci project funded by the European Community, including partners from the UK, Portugal, Sweden, Ireland and Romania. This project developed a number of e-Training courses directed to the needs of the Engineering Industry. These short e-Training courses aimed at fostering long-life learning opportunities through distance learning and were designed and developed in cooperation with the different academic institutions involved. The courses were developed making use of a virtual learning environment (VLE) system developed by Lund University, in Sweden, and are now available commercially: Luvit. The Sheffield budget was of £45,816.
16. 1999-2001 **Project manager and principal investigator** for the Sheffield contribution to the "MAMUT - Multidimensional Approach for MULtiplication of Training Environments" project which was a Leonardo da Vinci project funded by the European Community, and aiming to set-up educational centres for distance learning. This project developed a number of e-Learning courses making use of a virtual learning environment (VLE) system developed by the University of Oviedo in an earlier EU project and was available commercially at the time: Magistral. The consortia for the project included academic and business partners from the UK, Portugal, Spain, and France. The Sheffield budget was of £9,000.
17. 1998-2001 **Grant holder and principal investigator** of a TCS Programme (British National scheme to link the university to the industry) in collaboration with Healthcare Environments Ltd, Barnsley. The project aimed to reverse engineer Healthcare Environment's IS (Information System) in order to allow proper documentation of the project, sustained development of their knowledge management system, and further development of the firm's IT infrastructure using a coherent and consistent process. At the end of the project, the project was independently assessed on behalf of the TCS and received a Grade 2 (out 1- excellent to 6 - unsatisfactory). The grant totalled £59,832.