

# BENGOETXEA Endika

## Curriculum Vitae CTI

## Information basique

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| Nom  | <b>BENGOETXEA</b>   |
| Prénom   | <b>Endika</b>   |
| Titre  | <b>M</b>  |
| Rôle actuel à la Cti   | <b>- Expert</b>   |
| Nationalité  | <b>Espagnol</b>   |
| Courte biographie et motivations concernant la participation aux activités de la Cti | <b>I work at the European Commission since 2009 on positions related to education, and my motivation with this collaboration at the CTI is to have the chance to keep in close contact with the state of play of the higher education system.</b>   |
| Mots clés lié aux secteurs d'activité relevant de votre expérience                   | <ul style="list-style-type: none"> <li><b>- Bioengineering and Biomedical Engineering</b></li> <li><b>- Computer Engineering</b></li> <li><b>- Engineering Management</b></li> <li><b>- General Engineering – other forms include Engineering Physics and Engineering Science</b></li> <li><b>- Software Engineering</b></li> </ul> |

## Formation et compétences

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| Mots clés qui caractérisent votre expérience | <ul style="list-style-type: none"> <li>- Activités internationales</li> <li>- Direction de programme ou d'école</li> <li>- Entrepreneuriat</li> <li>- Management d'organisation</li> <li>- Autre : Ressources Humaines</li> </ul>  |  |  |                                     |
| Diplômes                                     | <p><b>2002: PhD in Image and Signal Processing - 'Très Honorable' mark awarded. Department of Image Treatment, Ecole Nationale Supérieure des Télécommunications (ENST), Paris (FR).</b><br/> * PhD Thesis Title: Inexact Graph Matching Using Estimation of Distribution Algorithms.<br/> * PhD Thesis Viva: 19th December 2002.<br/> * more information about my PhD</p> <p><b>1999 MSc in Medical Imaging - 16 CAS mark awarded. Department of Bio-medical Physics &amp; Biomedical Engineering, University of Aberdeen, Scotland (UK).</b><br/> * Special Studies: MRI, Radiotherapy, Nuclear Medicine.</p>  |  |  |                                     |
| Langue maternelle                            | <p><b>Espagnol, Basque</b></p>   |  |  |                                     |
| Langues étrangères                           | <p>* MSc Project: Use of PET in Radiotherapy.<br/> 1994 BSc (Hons) Computer Studies 2.i. awarded June 1994. Department of Computer Science Brighton, England (UK).<br/> * Final Year Subjects: Databases, Computer Graphics, VLSI design<br/> * Final Year Dissertation: Possible use of Research in Genetics to improve Artificial Intelligence.<br/> * Final Year Project: Design and implementation of an Ethernet controller Board for IBM PC AT computers.<br/> Français (si ce n'est pas votre langue maternelle)<br/> 1994 Licenciado/ingeniero en Informática - Informatikan lizentziatua/Ingeniaria. Computer Engineering University of the Basque Country - Euskal Herriko Unibertsitatea (EUS).<br/> * Awarded prize by the Kutxa bank for best all round performance.<br/> * Received certificate of acknowledgement from the Spanish Ministry of Education and Science for academic excellence.<br/> * Obtained 6 honour levels in different subjects.<br/> Autres (spécifier dans le champs "Information additionnelle" à la fin du questionnaire)</p> | <p>Je suis capable de lire Je peux écrire, lire et</p> | <p>Je suis capable de conduire une mission dans cette langue</p> | <p>X</p> <p>X</p> <p>X</p> <p>X</p> |
| Utilisation de l'informatique                | <p><b>I am computer scientist, I work with and develop program computers regularly.</b></p>  |  |  |                                     |

## Experience

Experience professionnelle

**activite**

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| <p>Pour chaque poste occupé</p> | <p><b>*Membership in Advisory Boards</b><br/> <b>Since 2017: Responsible for continuing education at the IEEE Region 8 Education</b><br/> <b>includes Europe, Africa and Middle-East)</b><br/> <b>Since 2016: Member of the Advisory Board of Unibasq (Quality Assurance Agency</b><br/> <b>system)</b><br/> <b>June 2014-October 2016: Member of the Energy Working Group of IEEE's IEEE Eur</b><br/> <b>January 2013-December 2015: Member of the IEEE Committee on Global Accredita</b><br/> <b>2007-2012: Member of the Advisory Board of UNIVNOVA (initiative for open discus</b><br/> <b>system)</b><br/> <b>2009: Member of the expert group to advise the Regional Government of Murcia on</b><br/> <b>of postgraduate studies.</b><br/> <b>2008: Member of the Advisory Board of the Basque Country Government on ICT ar</b></p> <p><b>* since 2009: European Union institutions; European Commission</b><br/> <b>Positions:</b><br/> <b>Since July 2013: deputy Head of Unit, Partnerships Management Unit - European In</b><br/> <b>Since April 2012: Senior Education officer, Partnerships Management Unit - Europ</b><br/> <b>Technology</b><br/> <b>2009-2012: Higher Education policy officer and Erasmus programme manager, Uni</b><br/> <b>Education and Culture, European Commission.</b></p> <p><b>Main duties:</b></p> <ul style="list-style-type: none"> <li>• Team leader of teams cross-KIC agendas (in charge of the agendas of education, Continuous Monitoring (in charge of the monitoring of KIC grants and activities)</li> <li>• Responsible for education activities of the EIT and its Knowledge Innovation Con</li> <li>• Erasmus Desk Officer for United Kingdom, Luxembourg and Cyprus.</li> <li>• Coordinator of Erasmus Centralised Actions, responsible for Curriculum Develop</li> <li>• Education Actions.</li> <li>• Higher education policy on higher education transparency tools: quality assurance</li> <li>• Third cycle aspects of curricular development in the context of the Bologna proce</li> <li>• Link of the Erasmus programme with Higher Education policies, Erasmus Mundu</li> </ul> <p><b>programmes and policies.</b></p> <p><b>* 1996-2009: University of the Basque Country</b><br/> <b>Position: Professor at the Computer Engineering Faculty at San Sebastian, Depart</b><br/> <b>Technology, University of the Basque Country.</b></p> <p><b>Main duties:</b></p> <ul style="list-style-type: none"> <li>• Director for Campus Development, Vicerrectorate of Gipuzkoa. University of the E</li> <li>• Academic Secretary of the Computer Engineering Faculty of the University of the</li> <li>• Erasmus Coordinator of the Computer Engineering Faculty of the University of th</li> <li>• Lecturer of the following subjects: Operating Systems and Computer Networks.</li> </ul> <p><b>* 1994-1996: Serinor &amp; Kutxa bank</b><br/> <b>Position: Programmer and Analyst-programmer of an application in Visual Basic a</b><br/> <b>Main duties:</b></p> <ul style="list-style-type: none"> <li>• Creation of an application in NSDK (a programming language similar to Visual Ba</li> <li>• Windows) for a Spanish Bank Company (Kutxa).</li> <li>• Analyst-programmer's job since the end of 1995.</li> </ul> |
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| Recherche    | <p>Member of the Intelligent Systems Group ( <a href="http://www.sc.ehu.es/isg">http://www.sc.ehu.es/isg</a> ) at the Computer Science Department, University of the Basque Country, Spain. I mainly worked in developing optimization algorithms of Bayesian and Gaussian networks, inexact graph matching, and evolutionary computation.</p> <p>Current research interests also include application of these techniques to Medical Image Analysis.</p> <p>I have recognised positively by the Spanish Ministry of Education two periods of 6 months of research leave.</p> <p>I supervised two PhDs which were defended in 2009 and 2010.</p>  |
| Enseignement | <p>I have been a university professor from 1996 to 2009.</p> <p>The subjects i taught include:</p> <p>Operating Systems (old study plan, academic years: 1995-1996, and 1996-1997)</p> <p>Operating Systems (study plan of 1994, academic years: 1997-1998, and 1999-2000)</p> <p>Operating Systems Design (study plan of 1994, academic years: 1997-1998, 1998-1999)</p> <p>Laboratory of Operating Systems (practical subject; study plan of 1994, academic years: 2000-2001)</p> <p>Operating Systems 1 (study plan of 1999, academic years: 2002-2003, 2003-2004, 2004-2005)</p> <p>Operating Systems 2 (study plan of 1999, academic years: 2000-2001, 2001-2002, 2002-2003, 2005-2006, 2006-2007, 2007-2008, and 2008-2009)</p> <p>Data Communication (study plan of 1994, academic years: 1998-1999, and 2000-2001)</p> <p>Laboratory of Computer Technology (study plan of 1994, academic year: 1999-2000)</p> <p>Laboratory of Computer Networks and Operating Systems (practical subject; study plan of 1994, academic years: 2006-2007)</p> <p>Supervisor of Final Year Projects in Computer Engineering: 1998-99 (3), 1999-2000 (2), 2000-01 (2), 2001-02 (2), 2002-03 (2), 2003-04 (3), and 2004-05 (1).</p> <p>I had some long duration stays abroad during my period as university professor:</p> <p>1997: beginning of the MSc in Medical Imaging in Aberdeen, Scotland. 3 months.</p> <p>1999: second part of the MSc in Medical Imaging in Aberdeen, Scotland. 9 months.</p> <p>2002,2003: regular placements for the PhD in the Ecole Nationale Supérieure des Télécommunications de Bretagne. 24 months.</p> <p>2007,2008: invited teacher at the Department of Biomedical Engineering at the University of Aberdeen. 24 months.</p> |

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| Gestion                       | <ul style="list-style-type: none"> <li>• Since April 2017, Head of Human Resources (acting Head of Sector) in the Research Commission (660 staff members).</li> <li>• Deputy HoU in the European Institute of Innovation and Technology, managing area (2013-2014).</li> <li>• Director for Campus Development, Vicerrectorate of Gipuzkoa. University of the Basque Country.</li> <li>• Director for Campus Development, Vicerrectorate of Gipuzkoa. University of the Basque Country.</li> <li>• Academic Secretary of the Computer Engineering Faculty of the University of the Basque Country.</li> <li>• Erasmus Coordinator of the Computer Engineering Faculty of the University of the Basque Country.</li> </ul> <p>2001,1997: Course Leader of two international Intensive Programme courses organised for students, Co-ordination of several Universities from Europe (Spain,United Kingdom) on Business on the Internet and e-Commerce.</p> <p>1998: Responsible for the Coordination of an Intensive Program organised at the University about 20 Erasmus students. Subject: Colaborative working.</p> <p>1996: Teacher of Visual Basic courses for continuous training of IT professionals.</p> <ul style="list-style-type: none"> <li>• Subjects: Visual programming, visual methodology, interaction of VB programs with databases.</li> <li>• Courses organised by the University of the Basque Country and funded by the Basque Government.</li> </ul>   |
| Évaluation et gestion qualité | <p>Experience on international quality assurance and accreditation ? International evaluator ? International evaluator of Akredita Chile ? International evaluator of the ANECA's ACREDITA PLUS-EUR-ACE programme ? Member of the joint French-Swiss accreditation committee between the QA agencies</p> <p>Experience on European QA policy and programmes</p> <ul style="list-style-type: none"> <li>? Responsible at the European Commission for policy on higher education transparency and university rankings....</li> <li>? Responsible at the European Commission for policy on third cycle aspects of curriculum in the Bologna process.</li> <li>? Organiser of international conferences on international policies and practice on quality assurance</li> </ul> <p>I have extensive experience as academic expert at the European Commission &amp; other international organisations</p> <p>* On education programmes of the European Commission as independent expert:</p> <p>Expert Evaluator in Brussels of the Leonardo da Vinci European programme Pre-proposals. Years: 2002, 2003, 2004. Full proposals. Years: 2001, 2002, 2003, 2005. Final Reports of finished projects, mainly on e-learning, general ICT competencies Years: 2003, 2005, 2006, 2007 and 2008.</p> <p>Expert Evaluator in Brussels of Leonardo da Vinci - Transfer of Innovation proposals</p> <p>Expert Evaluator in Brussels of the Tempus European programme JEP proposals. Years: 2003 and 2006 (CARDS countries), 2004 (TACIS countries), 2005 (Structural Complementary Measures proposals. Years: 2004, 2005, 2006 (CARDS countries)</p> <p>Expert Evaluator of the Socrates/Erasmus European programme (Curriculum Development) in Brussels. Years: 2004, 2005.</p> <p>In cooperation with the Spanish Erasmus National Agency. Year: 2008</p> <p>Expert Evaluator in Brussels of Erasmus Mundus European programme Actions 1, 3 and 4 proposals. Years: 2004 (June &amp; November), 2005 (June &amp; November &amp; December).</p> <p>Expert Evaluator in Brussels of the Erasmus Mundus External Cooperation Window (February).</p> <p>Expert Evaluator in Brussels of the cooperation programme EU-Australia. Year: 2004</p> <p>Expert Evaluator in Brussels of Atlantis proposals (previously known as cooperation programme)</p> <p>Expert Evaluator in Brussels of the cooperation programme Industrialised Countries Programme (ICI ECP) for Australia, Japan, New Zealand, and South Korea. Year: 2004</p> <p>Expert Evaluator in Brussels of proposal for the programme Youth in Action. Year: 2004</p> <p>Expert Evaluator in Brussels of the Lifelong Learning Programme - Key Activity 1 (Cooperation) European Qualifications Framework proposals: Sept. 2008</p> |

\* On education programmes of the European Commission as lead or facilitator expert:

Facilitator Expert of Leonardo da Vinci full proposals.

Duties: training of new experts for the LdV programme, and quality control of evaluations.

In Brussels, of Full proposals: March 2004, .

In Ankara (Turkey) at the Turkish Leonardo da Vinci National Agency. October 2004.

In Madrid (Spain) at the Spanish Leonardo da Vinci National Agency. Years: 2005 (March & November) and 2006 (March).

Facilitator Expert in Madrid (Spain) of Leonardo da Vinci - Transfer of Innovation procedure proposals at the Spanish Leonardo da Vinci National Agency.

Duties: training of new experts for the LdV programme, and quality control of evaluations. Year: May 2007.

Lead Expert in Brussels of Erasmus Mundus master proposals.

Duties: chair of the Hard Sciences Panel, and representative on the Erasmus Mundus Selection Board of the Hard Sciences group of experts. Years: 2005 (June), 2006 (June), 2007 (June).

On international research cooperation programmes:

Expert Evaluator in Brussels on the selection procedure of 6th Framework Program proposals (call 4 of ICT for Health).

Duties: two weeks of individual evaluation and panel meetings, and a week as part of a jury of hearings.

Year: 2005.

Reviewer of five 6th Framework Program projects on the ICT for Health unit. Years: 2007 & 2008

Expert Evaluator in Brussels on the selection procedure of 7th Framework Program proposals (call 1 of ICT for Health - Patient Safety).

Duties: one week of individual evaluation and panel meetings, and a week as part of a jury of hearings.

June 2007.

Expert Evaluator in Brussels on the selection procedure of 7th Framework Program proposals (call 2 of ICT for Health - Virtual Physiological Human).

Duties: two weeks of individual evaluation and panel meetings. November 2007.

Expert evaluator in the city of Panama of the Panamanian national research programme (organised by the SENACYT). Year: 2006

Member of the technical committee for evaluation of final reports of Spanish National research Projects jspTIN2010. Session on the follow-up of IT projects. Spanish Ministry of Science and Innovation. Year: 2010.

Expert evaluator of the Iberoamerican programme on science and technology for development (CYTED), on technology transfer actions for business (IBEROEKA). Year: 2012.

Expert evaluator of the Cypriot-Romanian bilateral cooperation programme in research. Year: 2013.

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| Autre expérience                           | From January 2012 to December 2015 I was a member at large of the IEEE Commi which is in charge of promoting quality assurance and exchange of good practice wide. |
| Missions exclues pour raison déontologique | Université du Pays-Basque (Espagne)<br>University of Brighton (UK)<br>Université of Aberdeen (UK)<br>Ecole Nationale Supérieure des Télécommunications (France)    |



## Information additionnelle

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| Information additionnelle | <b>My complete and updated CV, including my publications on research, teaching and higher education policy and management can be found in the following link: <a href="http://www.sc.ehu.es/acwbecae/cv/CV-English.html">http://www.sc.ehu.es/acwbecae/cv/CV-English.html</a></b> |
| Date d'actualisation      | <b>15/05/2017</b>   |