



Jordi Gonzalez Sabaté

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

At a scientific level, I have developed my research activity in the field of Computer Vision and Artificial Intelligence. As a result of this trajectory, I have published 60 articles in JCR journals with impact index (33 Q1, 17 Q2, and 10 Q3) and 21 contributions in conferences listed in the GII-GRIN-SCIE Rating list (7 of Class A+/A++ and 14 Class A/A-), all within the area of Computer Science and Artificial Intelligence. In total I have published more than 130 papers with more than 130 different co-authors on automatic image interpretation, specifically for the analysis of human behavior in image sequences, having received more than 4,800 citations according to Google Scholar. I have supervised 15 Doctoral Theses (completed), 6 of them receiving the "Outstanding PhD Award" from the Doctorate School, UAB . The resources to carry out my research career have been obtained by competitive projects such as 3 European ITEA2 and 3 IST-FP6 projects and more than 20 R+D+i projects of different Spanish national plans (CICYT, CENIT-INGENIO2010, CONSOLIDER, PROFIT, PETRI, AVANZA, TRACTOR, RETOS-COLABORACION, Obra Social La Caixa). In the field of technology transfer, I have participated in several projects financed by private companies only, in addition to publishing 3 international patents and creating 3 start-ups: Care Respite in 2015, Visual Tagging Services in 2012 and Cloud Size Services in 2011. Lastly, I have made 12 months of postdoctoral stages in 5 international universities: Amsterdam (4 months in 2007-2008), Porto (3 months, 2011), Leuven (2 months, 2014), Aalborg (1 month, 2015), and Kobe (2 months 2019-2020).

**Jordi Gonzalez Sabaté**

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Name: **Jordi**
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ScopusID: **55450715500**
ResearcherID: **I-1812-2015**
Date of birth: **12/03/1975**
Gender: **Male**
Nationality: **Spain**
Country of birth: **Spain**
City of birth: **Tortosa**
Contact address: **Centre de Visió per Computador**
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Current professional situation

Employing entity: Universitat Autònoma de Barcelona
Type of entity: University
Department: Ciències de la Computació, Escuela de Ingeniería
Professional category: Profesor Titular de Universidad
Start date: 12/11/2010
Type of contract: Civil servant
Dedication regime: Full time
Primary (UNESCO code): 120304 - Artificial intelligence; 120317 - Informatics; 220990 - Digital Treatment. Images

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat Autònoma de Barcelona	Profesor Lector	15/09/2008
2	Universitat Politècnica de Catalunya	Investigador postdoctoral "Juan de la Cierva"	01/01/2006
3	Universitat Autònoma de Barcelona	Ayudante LUC (Profesor Ayudante Doctor)	15/09/2004
4	Universitat Autònoma de Barcelona	Ayudante de Escuela Universitaria (Profesor Colaborador)	15/09/2000
5	Universitat Autònoma de Barcelona	Profesor Asociado	01/10/1999
6	Universitat Autònoma de Barcelona	Profesor Asociado	15/09/1998

	Employing entity	Professional category	Start date
7	Universitat Autònoma de Barcelona	Profesor Titular de Universidad	12/11/2010

- 1** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Profesor Lector
Start-End date: 15/09/2008 - 11/11/2010 **Duration:** 2 years - 1 month - 27 days
- 2** **Employing entity:** Universitat Politècnica de Catalunya
Professional category: Investigador postdoctoral "Juan de la Cierva"
Start-End date: 01/01/2006 - 14/09/2008 **Duration:** 2 years - 8 months - 15 days
Type of entity: University
- 3** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Ayudante LUC (Profesor Ayudante Doctor)
Start-End date: 15/09/2004 - 31/12/2005 **Duration:** 1 year - 3 months - 18 days
Type of entity: University
- 4** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Ayudante de Escuela Universitaria (Profesor Colaborador)
Start-End date: 15/09/2000 - 14/09/2004 **Duration:** 5 years
Type of entity: University
- 5** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Profesor Asociado
Start-End date: 01/10/1999 - 14/09/2000 **Duration:** 11 months - 15 days
Type of entity: University
- 6** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Profesor Asociado
Start-End date: 15/09/1998 - 14/09/1999 **Duration:** 1 year
Type of entity: University
- 7** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Profesor Titular de Universidad
Start date: 12/11/2010
Type of entity: University



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

1 University degree: Higher degree

Name of qualification: Màster en Visió per Computador

Degree awarding entity: Centre de Visió per Computador

Type of entity: University Centres and Structures and Associated Bodies

Date of qualification: 26/10/1999

2 University degree: Higher degree

Name of qualification: Ingeniero en Informática

Degree awarding entity: Universitat Autònoma de Barcelona

Type of entity: University

Date of qualification: 09/09/1998

Doctorates

Doctorate programme: Informàtica

Degree awarding entity: Universitat Autònoma de Barcelona

Type of entity: University

Date of degree: 29/10/2004

Teaching experience

General teaching experience

1 Name of the course: Trabajo Final de Grado

University degree: Graduado o Graduada en Matemática Computacional y Análisis de Datos

Start date: 2021

End date: 2022

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 15,5

Entity: Universitat Autònoma de Barcelona

Type of entity: University

2 Name of the course: Aprendizaje Computacional

University degree: Graduado o Graduada en Matemática Computacional y Análisis de Datos

Start date: 2020

End date: 2022

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 30,3

Entity: Universitat Autònoma de Barcelona

Type of entity: University



- 3** **Name of the course:** Aprendizaje Computacional
University degree: Graduado o Graduada en Ingeniería Infomática
Start date: 2012 **End date:** 2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1.396,48
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 4** **Name of the course:** Aprendizaje Computacional
University degree: Graduado o Graduada en Ingeniería Infomática
Start date: 2012 **End date:** 2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1.396,48
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 5** **Name of the course:** Tesis Doctoral
University degree: Programa de Doctorado en Informática
End date: 2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 331,66
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 6** **Type of teaching:** International teaching
Name of the course: Machine Learning I
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: MSc Program "Computer and Information Engineering"
Start date: 2019 **End date:** 2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 11
Entity: Kobe University
Faculty, institute or centre: Graduate School of Engineering
City of entity: Kobe, Japan
Subject language: English
- 7** **Name of the course:** Análisis de Video
University degree: Master Universitario en Visión por Computador
Start date: 2013 **End date:** 2018
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 19,24
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 8** **Name of the course:** Trabajo de Fin de Máster
University degree: Master Universitario en Visión por Computador
Start date: 2009 **End date:** 2018
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 187,79
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 9** **Name of the course:** Laboratorio de Programación
University degree: Graduado o Graduada en Ingeniería Infomática
Start date: 2013 **End date:** 2016
Type of hours/ ECTS credits: Hours



Hours/ECTS credits: 137,97

Entity: Universitat Autònoma de Barcelona

Type of entity: University

10 Name of the course: Reconocimiento Visual

University degree: Master Universitario en Visión por Computador

Start date: 2013

End date: 2016

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 33,52

Entity: Universitat Autònoma de Barcelona

Type of entity: University

11 Name of the course: Proyecto de Ingeniería en Informática

University degree: Ingeniero en Informática

Start date: 2003

End date: 2014

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 551,25

Entity: Universitat Autònoma de Barcelona

Type of entity: University

12 Name of the course: Inteligencia Artificial II

University degree: Ingeniero en Informática

Start date: 2010

End date: 2013

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 433,57

Entity: Universitat Autònoma de Barcelona

Type of entity: University

13 Name of the course: Bioinformática

University degree: Ingeniero en Informática

Start date: 2008

End date: 2012

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 300

Entity: Universitat Autònoma de Barcelona

Type of entity: University

14 Name of the course: Estructura de Datos

University degree: Ingeniero en Informática

Start date: 1999

End date: 2008

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 1.040

Entity: Universitat Autònoma de Barcelona

Type of entity: University

15 Name of the course: Compiladores II

University degree: Ingeniero en Informática

Start date: 1998

End date: 2002

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 240

Entity: Universitat Autònoma de Barcelona

Type of entity: University



Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Environment-Independent Moving Cast Shadow Suppression in Video Surveillance
Type of project: Doctoral thesis
Co-director of thesis: Mikhail Mozerov
Entity: Universitat Autònoma de Barcelona
Student: Ariel Amato
Obtained qualification: Excelente Cum Laude
Date of reading: 16/03/2012
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 16/03/2012
Date of award: 20/10/2011
- 2** **Project title:** Hierarchical Multiresolution Models for fast Object Detection
Type of project: Doctoral thesis
Co-director of thesis: Juan J. Villanueva
Entity: Universitat Autònoma de Barcelona
Student: Marco Pedersoli
Obtained qualification: Excelente Cum Laude, Premio Extraordinario de Doctorado
Date of reading: 08/06/2012
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 08/06/2012
Date of award: 20/10/2011
- 3** **Project title:** Human Segmentation, Pose Estimation and Applications
Type of project: Doctoral thesis
Co-director of thesis: Xavier Baró; Sergio Escalera
Entity: Universitat Autònoma de Barcelona
Student: Meysam Madadi
Obtained qualification: Excelente Cum Laude
Date of reading: 13/10/2017
European doctorate: No
Quality recognition: Yes
Date of award: 20/10/2011
- 4** **Project title:** Looking at Faces: Detection, Tracking and Pose Estimation
Type of project: Doctoral thesis
Co-director of thesis: Xavier Roca
Entity: Universitat Autònoma de Barcelona
Student: Murad Al Haj
Obtained qualification: Excelente Cum Laude
Date of reading: 22/02/2013
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 22/02/2013
Date of award: 20/10/2011
- 5** **Project title:** Model free approach to human action recognition
Type of project: Doctoral thesis
Co-director of thesis: Xavier Roca
Entity: Universitat Autònoma de Barcelona
Student: Bhaskar Chakraborty
Obtained qualification: Excelente Cum Laude, Premio Extraordinario de Doctorado
Date of reading: 22/10/2012



European doctorate: Yes
Quality recognition: Yes

Date of recognition: 22/10/2012
Date of award: 20/10/2011

6 Project title: Towards Deep Image Understanding: From pixels to semantics

Type of project: Doctoral thesis
Co-director of thesis: Theo Gevers
Entity: Universitat Autònoma de Barcelona
Student: Josep Maria Gonfaus Sitjes
Obtained qualification: Excelente Cum Laude
Date of reading: 23/11/2012
European doctorate: Yes
Quality recognition: Yes

Date of recognition: 23/11/2012
Date of award: 20/10/2011

7 Project title: Compact, Adaptive and Discriminative Spatial Pyramids for Improved Object and Scene Classification

Entity: Universitat Autònoma de Barcelona
Student: Noha Elfiky

Type of entity: University

Obtained qualification: Excelente Cum Laude, Premio Extraordinario de Doctorado
Date of reading: 04/06/2012
European doctorate: Yes
Quality recognition: Yes

Date of recognition: 04/06/2012
Date of award: 20/10/2011

8 Project title: Towards Efficient and Robust Convolutional Neural Networks for Single Image Super-Resolution

Co-director of thesis: Pau Rodriguez, Xavier Roca

Entity: Universitat Autònoma de Barcelona
Student: Parichehr Behjati

Type of entity: University

Obtained qualification: Excelente Cum Laude
Date of reading: 27/04/2022
European doctorate: No
Quality recognition: Yes

Date of award: 20/11/2010

9 Project title: Towards Robust Neural Models for Fine-Grained Image Recognition

Co-director of thesis: Josep Gonfaus, Xavier Roca

Entity: Universitat Autònoma de Barcelona
Student: Pau Rodriguez Lopez

Type of entity: University

Obtained qualification: Excelente Cum Laude, Premio Extraordinario de Doctorado
Date of reading: 01/03/2019
European doctorate: Yes
Quality recognition: Yes

Date of recognition: 01/03/2019
Date of award: 20/11/2010

10 Project title: 3D Motion Data aided Human Action Recognition and Pose Estimation

Type of project: Doctoral thesis
Co-director of thesis: Xavier Roca
Entity: Universitat Autònoma de Barcelona
Student: Wenjuan Gong
Obtained qualification: Excelente Cum Laude
Date of reading: 10/05/2013
European doctorate: Yes
Quality recognition: Yes

Date of recognition: 10/05/2013
Date of award: 22/10/2010



- 11** **Project title:** Foreground Object Segmentation and Shadow Detection for Video Sequences in Uncontrolled Environments
Type of project: Doctoral thesis
Co-director of thesis: Xavier Roca
Entity: Universitat Autònoma de Barcelona
Student: Iván Huerta Casado
Obtained qualification: Excelente Cum Laude
Date of reading: 05/07/2010
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 05/07/2010
Date of award: 12/10/2007
- 12** **Project title:** Human emotion evaluation on facial image sequences
Type of project: Doctoral thesis
Co-director of thesis: Xavier Roca
Entity: Universitat Autònoma de Barcelona
Student: Francisco Javier Orozco Cano
Obtained qualification: Excelente Cum Laude
Date of reading: 28/07/2009
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 28/07/2009
Date of award: 12/10/2007
- 13** **Project title:** Modeling Human Behavior for Image Sequence Understanding and Generation
Type of project: Doctoral thesis
Co-director of thesis: Roca, Xavier
Entity: Universitat Autònoma de Barcelona
Student: Pau Miquel Baiget Arasanz
Obtained qualification: Excelente Cum Laude
Date of reading: 13/07/2009
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 13/07/2009
Date of award: 12/10/2007
- 14** **Project title:** Motion Priors for Efficient Bayesian Tracking In Human Sequence Evaluation
Type of project: Doctoral thesis
Co-director of thesis: Xavier Roca
Entity: Universitat Autònoma de Barcelona
Student: Ignasi Rius Ferrer
Obtained qualification: Excelente Cum Laude, Premio Extraordinario de Doctorado
Date of reading: 06/07/2010
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 06/07/2010
Date of award: 12/10/2007
- 15** **Project title:** Towards Robust Multiple-Target Tracking in Unconstrained Human-Populated Environments
Type of project: Doctoral thesis
Co-director of thesis: Juan José Villanueva
Entity: Universitat Autònoma de Barcelona
Student: Daniel Rowe Serrano
Obtained qualification: Excelente Cum Laude
Date of reading: 08/02/2008
European doctorate: Yes
Quality recognition: Yes
Date of recognition: 08/02/2008
Date of award: 12/10/2007

**16 Project title:** Understanding Image Sequences: the Role of Ontologies in Cognitive Vision**Type of project:** Doctoral thesis**Co-director of thesis:** Xavier Roca**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Student:** Carlos Fernandez Tena**Obtained qualification:** Excelente Cum Laude, Premio Extraordinario de Doctorado**Date of reading:** 02/07/2010**European doctorate:** Yes**Date of recognition:** 02/07/2010**Quality recognition:** Yes**Date of award:** 12/10/2007**Participation in innovative teaching projects****1 Project title:** Mejora de la retroalimentación en sistemas de autoevaluación de ejercicios de programación**Type of participation:** Co-ordinator**Amount awarded:** 1.000 €**Funding entity:** Unitat de Formació i Innovació Docent, UAB**Type of entity:** University**Start-End date:** 15/09/2022 - 15/07/2023**Duration:** 1 year - 10 months**2 Project title:** Sistema de Soporte a la Corrección de Exámenes**Type of participation:** Team member**Funding entity:** Unitat de Formació i Innovació Docent, UAB**Type of entity:** University**Start-End date:** 15/09/2019 - 15/07/2020**Duration:** 10 months**3 Project title:** Utilización de Data Science para la detección de problemas de aprendizaje en tiempo real**Type of participation:** Team member**Funding entity:** Unitat de Formació i Innovació Docent, UAB**Type of entity:** University**Start-End date:** 30/05/2018 - 01/12/2019**4 Project title:** Proyecto de Metodología Flipped Learning para el Aumento de la Motivación y la Mejora del Aprendizaje**Type of participation:** Team member**Funding entity:** Unitat de Formació i Innovació Docent, UAB**Type of entity:** University**Start-End date:** 15/04/2017 - 15/02/2018**Duration:** 10 months**5 Project title:** V-Learning: definición de entornos virtuales y avatares docentes aplicados a actividades grupales y de tutorización**Type of participation:** Team member**Funding entity:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)**Type of entity:** Public Research Body**Start-End date:** 15/09/2010 - 14/09/2011**Duration:** 1 year

Participation in conferences with talks focused on teacher training

- 1** **Name of the event:** Acció formativa 10651-4: Estrategias para la Gestión y Dinamización del Aula
Date of presentation: 30/06/2022
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 2** **Name of the event:** Acció formativa 11949-1: Equipos de Segunda Intervención
Date of presentation: 24/05/2022
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 3** **Name of the event:** Acció formativa 10889-2: Cruz Roja Modulo ASSI de Asistencia Sanitaria Inmediata
Type of event: Curso de formación
Date of presentation: 15/03/2022
Organising entity: Cruz Roja, Universitat Autònoma de Barcelona
- 4** **Name of the event:** Acció formativa 10878-1: DATA: Presentació d'Indicadors i Dades dels Estudis
Type of event: Seminar
Date of presentation: 13/07/2021
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 5** **Name of the event:** II Jornada de Innovación Docente en Ingeniería. ¿Qué significa innovar en docencia?
Type of event: Workshop
Date of presentation: 12/07/2021
Organising entity: Escuela de Ingeniería, UAB **Type of entity:** University
- 6** **Name of the event:** Webinar de Innovación Docente en Ingeniería. Competencia Responsabilidad Ética; implementación, opiniones, valoraciones
Type of event: Seminar
Date of presentation: 10/06/2021
Organising entity: Escuela de Ingeniería, UAB
- 7** **Name of the event:** Webinar de Innovación Docente en Ingeniería. Offline Quiz: Corrección de test en papel
Type of event: Seminar
Date of presentation: 27/05/2021
Organising entity: Escuela de Ingeniería, UAB
- 8** **Name of the event:** III Jornada de Innovación Docente, UAB
Type of event: Workshop
Date of presentation: 28/04/2021
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 9** **Name of the event:** Webinar de Innovación Docente en Ingeniería. Portátil en el aula, ¿y si lo aprovechamos?
Type of event: Seminar
Date of presentation: 22/04/2021
Organising entity: Escuela de Ingeniería, UAB
- 10** **Name of the event:** Webinar de Innovación Docente en Ingeniería. ¿Nos hacemos Youtubers? Uso de vídeos como soporte de la aula inversa
Type of event: Seminar



Date of presentation: 18/03/2021

Organising entity: Escuela de Ingeniería, UAB

- 11** **Name of the event:** Webinar de Innovación Docente en Ingeniería. OBS como complemento de TEAMS para la enseñanza on-line
Type of event: Seminar
Date of presentation: 18/02/2021
Organising entity: Escuela de Ingeniería, UAB
- 12** **Name of the event:** Acción formativa 10606-1: Defensa Virtual o Semi-presencial de una Tesis Doctoral
Type of event: Seminar
Date of presentation: 15/12/2020
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 13** **Name of the event:** I Jornada de Innovación Docente en Ingeniería. Experiencias en Docencia Telemática
Type of event: Workshop
Date of presentation: 23/07/2020
Organising entity: Escuela de Ingeniería, UAB **Type of entity:** University
- 14** **Name of the event:** Webinar de Docencia: Planificación y desarrollo de la docencia mixta
Type of event: Workshop
Date of presentation: 16/07/2020
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 15** **Name of the event:** Webinar de Innovación Docente en Ingeniería. Necesidades Educativas Específicas
Type of event: Seminar
Date of presentation: 30/03/2022
Organising entity: Escuela de Ingeniería, UAB
- 16** **Name of the event:** Acción formativa 10407-6: Comunicación con Perspectiva de Género y Lenguaje No Sexista
Date of presentation: 17/03/2022
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 17** **Name of the event:** Acción formativa 10912-3: Reglamento General de Protección de Datos (RGPD)
Date of presentation: 07/02/2022
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 18** **Name of the event:** Acción formativa 10402-2: Docencia comprometida: Reforzando el vínculo entre Universidad y Entorno Social
Type of event: Seminar
Date of presentation: 08/06/2021
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 19** **Name of the event:** Acción formativa 10436-4: Acogida de Personas Refugiadas en la UAB
Type of event: Seminar
Date of presentation: 02/06/2021
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 20** **Name of the event:** Acción formativa 10647-5: EGRETA: Facilitate la faena. Curso de Introducción Básico.
Type of event: Seminar
Date of presentation: 17/05/2021

Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University

Other activities/achievements not included above

- 1** **Description of the activity:** Coordinator of Postgraduated Studies (2008-), Dept Computer Science
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 2** **Description of the activity:** Faculty Secretary of the School of Engineering (2015-)
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
- 3** **Description of the activity:** Program Coordinator of the PhD in Computer Science (2018-).
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** PID2020-120611RB-I00: Aprendizaje Continuo a Traves de la Deteccion de Anomalias en Secuencias de Imagenes
Entity where project took place: Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies
Name principal investigator (PI, Co-PI....): Jorge Bernal Del Nozal; Jordi Gonzalez Sabaté
Nº of researchers: 8
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** Body, others
Start-End date: 01/01/2021 - 31/12/2024
Total amount: 120.000 €
- 2** **Name of the project:** PLEC2021-007850: Hacia una metodología para reducir la difusión de información sobre grupos vulnerables y estigmatizados
Entity where project took place: Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies
Name principal investigator (PI, Co-PI....): Javier López Luján
Nº of researchers: 24
Funding entity or bodies: Ministerior de Ciencia e Innovación
Start-End date: 01/09/2021 - 31/08/2023
Total amount: 400.000 €
- 3** **Name of the project:** 2017-SGR-1669: Grupo de investigación emergente reconocido: "ISE Lab - Image Sequence Evaluation Lab"
Entity where project took place: Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies



Name principal investigator (PI, Co-PI....): Bernal del Nozal, Jorge

Nº of researchers: 8

Funding entity or bodies:

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Start-End date: 01/01/2017 - 31/12/2021

Duration: 5 years

Total amount: 10.000 €

4 Name of the project: IP-2016-06-8345: Automatic recognition of actions and activities in multimedia content from sports domain

Entity where project took place: University of Rijeka, CVC

City of entity: Rijeka, Croatia

Nº of researchers: 6

Funding entity or bodies:

Croatian Science Foundation (HRZZ)

Type of entity: State agency

Start-End date: 01/01/2017 - 31/05/2021

Total amount: 82.000 €

5 Name of the project: RTC-2017-6618-1: Mejorar la Sistencia y Envejecimiento mediante una casa Inteligente con sensores infrarojos (SENIOR)

Entity where project took place: Centre de Visió per Computador, Sensing&Control

Name principal investigator (PI, Co-PI....): Ventura Mirabet, Raquel

Nº of researchers: 12

Funding entity or bodies:

RETOS-COLABORACIÓN, Ministerio de Economía y Competitividad (MINECO)

Start-End date: 01/01/2018 - 31/12/2020

Duration: 3 years

Total amount: 223.964,72 €

6 Name of the project: TIN2015-65464-R: Cuando una imagen vale más que 140 caracteres (PERIPHAS)

Entity where project took place: Centre de Visió per Computador

Name principal investigator (PI, Co-PI....): Jordi González Sabaté

Nº of researchers: 8

Funding entity or bodies:

Ministerio de Economía y Competitividad (MINECO)

Start-End date: 01/01/2016 - 31/12/2020

Duration: 5 years

Total amount: 144.466 €

7 Name of the project: COST Action IC1307: European Network on Integrating Vision and Language (iV&L Net)

Entity where project took place: Centre de Visió per Computador

Type of entity: University Centres and Structures and Associated Bodies

Name principal investigator (PI, Co-PI....): Anya Belz, David Hogg

Nº of researchers: 75

Funding entity or bodies:

COST, Information and Communication Technologies

Start-End date: 24/03/2014 - 25/03/2018

Duration: 4 years

Total amount: 180.000 €

- 8** **Name of the project:** 728633-MINDPICS-SME-1: Automatic Inference of User Profile Insights based on Images Shared in Social Networks
Entity where project took place: Visual Tagging Services, CVC
Name principal investigator (PI, Co-PI....): X. Roca, J. Gonzalez, J.M. Gonfaus
Nº of researchers: 3
Funding entity or bodies:
Horizon 2020 - SMEInst-01-2016-2017: Open Disruptive Innovation Scheme
Start-End date: 01/07/2016 - 31/12/2016
Total amount: 50.000 €
- 9** **Name of the project:** RTC-2014-2228-1: Rehabilitación cognitiva de Niños con Daño Cerebral Adquirido basada en Serious Games para dispositivos móviles (NeuroChild)
Entity where project took place: Institut Guttmann, Computer Vision Center
Name principal investigator (PI, Co-PI....): Enrique Gómez Aguilera; Por el CVC: Jordi Gonzalez
Nº of researchers: 11
Funding entity or bodies:
RETOS-COLABORACION, Ministerio de Economía y Competitividad
Start-End date: 01/07/2014 - 31/12/2016 **Duration:** 2 years - 5 months - 30 days
Total amount: 360.195 €
- 10** **Name of the project:** 2014-SGR-159: Grupo de investigación consolidado reconocido "Image Sequence Evaluation - ISE Lab"
Entity where project took place: Centre de Visió per Computador
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 14
Funding entity or bodies:
Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)
Start-End date: 01/01/2014 - 31/12/2016 **Duration:** 3 years
Total amount: 0 €
- 11** **Name of the project:** CI15-00011: Development of a new generation of ambient intelligent ICT technologies for ehealth (CARE RESPITE)
Entity where project took place: Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies
Name principal investigator (PI, Co-PI....): Escalera, Sergio; Gonzalez, Jordi
Nº of researchers: 5
Funding entity or bodies:
Obra Social Fundació La Caixa, CaixaImpulse **Type of entity:** Foundation
Start-End date: 28/08/2015 - 31/03/2016 **Duration:** 7 months - 5 days
Total amount: 56.000 €
- 12** **Name of the project:** TIN2012-39051: Desarrollo de la Hermenéutica Visual en la Interpretación de Imágenes (PRAGMATA)
Entity where project took place: Centre de Visió per Computador
Name principal investigator (PI, Co-PI....): Roca Marvà, Xavier
Nº of researchers: 12
Funding entity or bodies:
Ministerio de Economía y Competitividad (MINECO)
Start-End date: 01/01/2013 - 31/12/2015 **Duration:** 3 years



Total amount: 90.768,6 €

- 13 Name of the project:** CSD2007-00018: Interacción Multimodal en Reconocimiento de Patrones y Visión Artificial (MIPRCV)
Entity where project took place: Univ. Politécnica Valencia, Centro de Visión Por Computador - Univ. Aut. de Barcelona, Univ. Jaime I, Univ. Alicante, Univ. Granada, Univ. Alicante, Instit. de Robótica e Informática Industrial
Name principal investigator (PI, Co-PI....): Enrique Vidal
Nº of researchers: 81
Funding entity or bodies:
CONSOLIDER INGENIO 2010, Ministerio de Educación y Ciencia
Start-End date: 15/09/2009 - 14/09/2014 **Duration:** 5 years
Total amount: 4.500.000 €
- 14 Name of the project:** TSI-020400-2011-55: Disaster Control Management (DiCoMa)
Entity where project took place: Indra, Mobisoft Finland, Oulu Univ. Applied Sciences Finland, Athena GS3 Israel, Netcad Turkey, Mantis Turkey, Univ. Sevilla, Fundación Deusto, UPC, Univ. Girona, CVC
Name principal investigator (PI, Co-PI....): Eloy Gonzalez Ortega
Nº of researchers: 23
Funding entity or bodies:
AVANZA, Ministerio de Industria, Comercio y Turismo
ITEA 2, Call 5
Start-End date: 01/12/2011 - 31/12/2013 **Duration:** 2 years - 1 month
Total amount: 32.558,68 €
- 15 Name of the project:** TIN2009-14501-C02-02: Razonamiento Epistemológico para la Interpretación del Contexto y de Eventos de Seguridad para la Vigilancia (ERINYES)
Entity where project took place: Universitat Autònoma de Barcelona
Name principal investigator (PI, Co-PI....): Jordi Gonzalez Sabaté
Nº of researchers: 6
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** Body, others
Start-End date: 01/01/2010 - 31/12/2012 **Duration:** 3 years
Total amount: 100.914,01 €
- 16 Name of the project:** TSI-020400-2009-133 y TSI-020400- 2011-57: Modelado de Contexto Visual (ViCoMo)
Entity where project took place: ViNotion BV Netherlands, VTT Finland, INRIA Sophia Antipolis, Thales France, Philips Netherlands, Transmediterranea, Acciona, UPC, UPV, CVC
Name principal investigator (PI, Co-PI....): Egbert G.T. Jaspers
Nº of researchers: 50
Funding entity or bodies:
AVANZA, Ministerio de Industria, Comercio y Turismo
ITEA 2, Call 3
Start-End date: 01/01/2009 - 30/12/2012 **Duration:** 3 years
Total amount: 179.486,22 €

- 17** **Name of the project:** 2009-SGR-273: Grupo de investigación emergente reconocido "Image Sequence Evaluation - ISE Lab"
Entity where project took place: Centre de Visió per Computador
Name principal investigator (PI, Co-PI....): F. Xavier Roca Marvà
Nº of researchers: 8
Funding entity or bodies:
AGENCIA DE GESTIO D'AJUTS UNIVERSITARIS I DE RECERCA
Start-End date: 01/01/2009 - 31/12/2011 **Duration:** 3 years
Total amount: 42.640 €
- 18** **Name of the project:** CENIT-INGENIO2010 Segur@: Seguridad y Confianza en la Sociedad de la Información
Entity where project took place: Centre de Visió per Computador
Name principal investigator (PI, Co-PI....): Luis Hernandez Encinas; Por el CVC: Gonzalez, Jordi
Nº of researchers: 50
Funding entity or bodies:
CDTI, Ministerio de Industria, Turismo y Comercio
Start-End date: 01/07/2007 - 30/06/2010 **Duration:** 3 years
Total amount: 31.000.000 €
- 19** **Name of the project:** IST-FP6-STREP-045547: Interactive semantic video search with a large thesaurus of machine-learned audiovisual concepts (VIDI-Video)
Entity where project took place: Univ. Van Amsterdam, Sticht. Nederlands Inst. V. Beeld Geluid , Univ. Surrey, Fond. Rinasc. Digitale, Centre Resear. & Tech. Hellas, Inesc Id, Centro Vision Computador, Univer. Degli Studi Di Firenze
Name principal investigator (PI, Co-PI....): Arnold W.M. Smeulders; WP Leader: Jordi Gonzalez
Nº of researchers: 25
Funding entity or bodies:
Information Society Technologies
Start-End date: 01/02/2007 - 31/01/2010 **Duration:** 3 years
Total amount: 2.790.000 €
- 20** **Name of the project:** TIN2008-00654-E: Accion Complementaria al proyecto europeo STREP VidiVideo
Entity where project took place: Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies
Name principal investigator (PI, Co-PI....): Juan José Villanueva
Nº of researchers: 15
Funding entity or bodies:
Ministerio de Ciencia y Tecnología
Start-End date: 01/02/2007 - 31/01/2010 **Duration:** 3 years
Total amount: 22.500 €
- 21** **Name of the project:** TIN2006-14606: Incorporación de Capacidades Explicativas Human-Expresivas en Sistemas de Video Vigilancia Inteligente (SISYPHUS)
Entity where project took place: Centre de Visió per Computador
Name principal investigator (PI, Co-PI....): F. Xavier Roca Marvà
Nº of researchers: 12
Funding entity or bodies:
Ministerio de Educación y Ciencia

**Start-End date:** 01/01/2007 - 31/12/2009**Duration:** 3 years**Total amount:** 136.730 €

- 22 Name of the project:** IST-FP6-STREP-045062: Ubiquitous Network Robots in Urban Settings (URUS)
Entity where project took place: IRI (UPC-CSIC), Univ. Zaragoza, Univ. Surrey, Telefonica, Robotech Italia, ETH Zurich, Instituto Superior Tecnico Lisboa, CNRS Francia
Name principal investigator (PI, Co-PI....): Alberto Sanfeliu Cortés
Nº of researchers: 30
Funding entity or bodies:
Information Society Technologies

Start-End date: 01/12/2006 - 30/11/2009**Duration:** 3 years**Total amount:** 2.600.000 €

- 23 Name of the project:** TIN2006- 28215-E: Accion Complementaria al proyecto europeo STREP HERMES
Entity where project took place: Centre de Visió per Computador
Type of entity: University Centres and Structures and Associated Bodies
Name principal investigator (PI, Co-PI....): Juan José Villanueva
Nº of researchers: 13
Funding entity or bodies:
Ministerio de Ciencia y Tecnología

Start-End date: 01/05/2007 - 30/04/2009**Duration:** 2 years**Total amount:** 43.500 €

- 24 Name of the project:** IST-FP6-STREP-027110: Human-Expressive Representations of Motion and their Evaluation in Sequences (HERMES)
Entity where project took place: ETH - Zurich, Centro de Vision por Computador (Coordinador), Universitaet Karlsruhe (TH), Aalborg Universitet, University of Oxford, Answare Technologies
Name principal investigator (PI, Co-PI....): Juan José Villanueva Pipaón; WP Leader: Jordi Gonzalez
Nº of researchers: 15
Funding entity or bodies:
Information Society Technologies

Start-End date: 01/03/2006 - 01/03/2009**Duration:** 3 years**Total amount:** 2.100.000 €

- 25 Name of the project:** FIT-360001-2007-3: Sistema Integrado de Alta Seguridad en Areas Delimitadas (SIASAD)
Entity where project took place: Answaretech S.L., Centro de Visión por Computador, Universidad de Zaragoza, Eikon S.L., Telefónica Investigación y Desarrollo SAU
Name principal investigator (PI, Co-PI....): Tonny Velin; Por el CVC: Jordi Gonzalez
Nº of researchers: 26
Funding entity or bodies:
Programa de Fomento de la Investigación Técnica (PROFIT), Ministerio de Industria, Turismo y Comercio

Start-End date: 01/07/2007 - 28/02/2009**Duration:** 1 year - 7 months - 22 days**Total amount:** 405.094,5 €

- 26 Name of the project:** TIN2006-26901-E: Red temática para el Procesamiento de la Señal Audiovisual en Interfaces Multimodales Avanzados
Entity where project took place: Universidades: Granada, Polit. Valencia, Las Palmas, Malaga, Carlos Iii, Vigo, Jaume I, Jaen, Polit. Madrid, Illes Balears, Polit. Catalunya, Centro de Vision por Computador, Eng. i Arquít. La Salle



Name principal investigator (PI, Co-PI....): Nicolás Pérez de la Blanca; Por el CVC: Jordi Gonzalez

Nº of researchers: 50

Funding entity or bodies:

Ministerio de Educación y Ciencia

Start-End date: 01/01/2007 - 31/12/2008

Duration: 2 years

Total amount: 30.000 €

27 Name of the project: FIT-360000-2006-53: Edificio Seguro: Estudio de Viabilidad Técnico Previo al Desarrollo

Entity where project took place: Answertech, Telefónica Investigación y Desarrollo, Solucione Globales Internet SA, Investigación y Desarrollo Informático, Eikon SL, Universidad de Zaragoza, Centro de Visión por Computador

Name principal investigator (PI, Co-PI....): Tonny Velin

Nº of researchers: 30

Funding entity or bodies:

PROFIT, Ministerio de Industria, Turismo y Comercio.

Start-End date: 01/01/2006 - 31/12/2007

Duration: 2 years

Total amount: 211.684 €

28 Name of the project: DPI2004-05414: Integración de Sistemas Robustos de Percepción, Aprendizaje y Navegación para Robótica Móvil (NAVROB)

Entity where project took place: Instituto de Robótica e Informática Industrial

Type of entity: University Research Institute

Name principal investigator (PI, Co-PI....): Alberto Sanfeliu Cortés

Nº of researchers: 10

Funding entity or bodies:

Consejo Interinstitucional de Ciencia y Tecnología (CICYT), Ministerio de Educación y Ciencia

Start-End date: 01/09/2004 - 31/08/2007

Duration: 3 years

Total amount: 215.000 €

29 Name of the project: TIC2003-08865: Modelado computacional de acciones humanas mediante el análisis de secuencias de imágenes (ANHA)

Entity where project took place: Centre de Visió per Computador

Name principal investigator (PI, Co-PI....): F. Xavier Roca Marvà

Nº of researchers: 5

Funding entity or bodies:

Ministerio de Educación y Ciencia, Consejo Interinstitucional de Ciencia y Tecnología (CICYT)

Start-End date: 01/12/2003 - 30/11/2006

Duration: 3 years

Total amount: 101.680 €

30 Name of the project: TIC2000-0382: Sistema Integral de Seguridad y Vigilancia Automática basada en Visión

Entity where project took place: Centre de Visió per Computador

Name principal investigator (PI, Co-PI....): Josep Lladós Canet

Nº of researchers: 28

Funding entity or bodies:

Consejo Interinstitucional de Ciencia y Tecnología (CICYT), Ministerio de Educación y Ciencia

Start-End date: 28/12/2000 - 27/12/2003

Duration: 3 years

Total amount: 200.000 €

- 31** **Name of the project:** PTR1995-0510-OP: Desarrollo de un sistema de control de calidad de cinturones de seguridad mediante la utilización de visión artificial
Entity where project took place: Centre de Visió per Computador, Elastic Berger
Name principal investigator (PI, Co-PI....): Roca Marvà, Xavier
Nº of researchers: 4
Funding entity or bodies:
Ministerio de Ciencia y Tecnología
Start-End date: 28/06/2001 - 27/07/2002 **Duration:** 1 year - 1 month
Total amount: 108.182 €
- 32** **Name of the project:** 2FD97-1800: Sistema de visión artificial para el reconocimiento de personas a partir de la extracción automática de características fisonómicas y de vestimenta
Entity where project took place: Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies
Name principal investigator (PI, Co-PI....): Josep Lladós Canet
Nº of researchers: 14
Funding entity or bodies:
Ministerio de Educación y Cultura
Start-End date: 30/01/1999 - 31/12/2001 **Duration:** 2 years - 11 months
Total amount: 100.700 €

R&D non-competitive contracts, agreements or projects with public or private entities

- 1** **Name of the project:** Librerías de visión del sistema ScanDoc
Degree of contribution: Scientific coordinator
Nº of researchers: 2
Funding entity or bodies:
BAKERY IBERIAN INVESTMENTS
Start date: 01/04/2021 **Duration:** 6 months - 15 days
Total amount: 8.000 €
- 2** **Name of the project:** Promoción del rol la sociedad civil siria, jordana, kurda y catalana en la transformación de las causas del conflicto de Siria a través de estrategias integrales para la PEV con enfoque de género (Irak (Kurdistán), Jordania y Cataluña)
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Jordi Gonzalez
Nº of researchers: 3
Funding entity or bodies:
NOVACT - Instituto Internacional por la Acción Noviolenta
Start date: 15/04/2020 **Duration:** 9 months
Total amount: 14.500 €
- 3** **Name of the project:** Detección automática de manchas en cinturones de seguridad con el sistema SBAVI
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Jordi Gonzalez
Nº of researchers: 3
Funding entity or bodies:
ELASTIC BERGER, S.A.

**Start date:** 01/03/2020**Duration:** 2 months**Total amount:** 7.927,56 €

- 4** **Name of the project:** Detección de posibles impurezas en silicona
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Gonzàlez i Sabaté, J.
Nº of researchers: 3
Funding entity or bodies:
Venair Ibérica, S.A.

Start date: 01/09/2019**Duration:** 5 months**Total amount:** 7.535,66 €

- 5** **Name of the project:** Inspección de pavos a escala industrial en granja
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Jordi Gonzalez
Nº of researchers: 3
Funding entity or bodies:
Marina Charter La Rapita S.L.

Start date: 27/06/2016**Duration:** 10 months**Total amount:** 14.200 €

- 6** **Name of the project:** Coopetition program of 2015 implemented on Codalab
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): -
Nº of researchers: 0
Participating entity/entities: Centre de Visió per Computador
Funding entity or bodies:
Microsoft Corporation

Start date: 26/01/2015**Duration:** 1 year - 6 days**Total amount:** 60.500,6 €

- 7** **Name of the project:** WID14-1-0006 Smart Visual Monitoring of Home Incidents for Providing Remote Assistance to Care Givers
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Sergio Escalera Guerrero
Nº of researchers: 7
Funding entity or bodies:
European Project WIDER-Green Growing of SME: Innovation and Development in Energy Sector in the Mediterranean Area

Start date: 01/09/2014**Duration:** 10 months**Total amount:** 17.306 €

- 8** **Name of the project:** Ulmersivo: Development of an Interface Demo for Imersivo.
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Jordi González Sabaté; Sergio Escalera
Nº of researchers: 4
Funding entity or bodies:
Exipple Studio S.L.



Start date: 03/06/2013
Total amount: 19.500 €

Duration: 6 months

- 9 Name of the project:** ScanDoc: Aplicació per a Panrico per poder capturar la imatge de l'albarà signat i segellat pel client.

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): F. Xavier Roca Marvà

Nº of researchers: 0

Funding entity or bodies:

ICAR Vision Ssystems

Start date: 15/01/2013

Duration: 6 months - 7 days

Total amount: 16.961,15 €

- 10 Name of the project:** Sistema SBAVI (Safety Belt Automatic Visual Inspection - Black Webbing). Version 1.0 y 2.0

Degree of contribution: Scientific coordinator

Name principal investigator (PI, Co-PI....): F. Xavier Roca Marvà

Nº of researchers: 3

Funding entity or bodies:

ELASTIC BERGER, S.A.

Start date: 21/12/2012

Duration: 1 year - 6 months - 4 days

Total amount: 201.537 €

- 11 Name of the project:** Sistema de estimación de medidas de confeccion de trajes

Degree of contribution: Coordinator of total project, network or consortium

Name principal investigator (PI, Co-PI....): Jordi Gonzalez; Xavier Roca; Felipe Lumbreras

Nº of researchers: 4

Funding entity or bodies:

Tailor4less S.L.

Start date: 01/05/2011

Duration: 6 months

Total amount: 17.500 €

- 12 Name of the project:** Peritaje antropomórfico para la Audiencia Nacional

Degree of contribution: Scientific coordinator

Name principal investigator (PI, Co-PI....): Jordi Gonzalez; F. Xavier Roca

Nº of researchers: 4

Funding entity or bodies:

Audiencia Nacional

Start date: 08/03/2011

Duration: 2 months - 24 days

Total amount: 14.000 €

- 13 Name of the project:** Sistema de Control de Seguridad en Carreras de Motor

Degree of contribution: Scientific coordinator

Name principal investigator (PI, Co-PI....): F. Xavier Roca Marvà

Nº of researchers: 3

Funding entity or bodies:

FUNDACIO PRIVADA BARCELONA DIGITAL CENTRE TECNOLOGIC

Start date: 01/12/2008

Duration: 1 year

Total amount: 19.500 €



- 14** **Name of the project:** Algoritmos de detección para sistemas de video vigilancia
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 3
Funding entity or bodies:
DAVANTIS TECHNOLOGIES, S.L.
Start date: 01/11/2007 **Duration:** 1 year
Total amount: 18.800 €
- 15** **Name of the project:** LockerBand II: Desarrollo de un sistema de control de calidad de urdimbre mediante visión artificial
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 0
Funding entity or bodies:
ELASTIC BERGER, S.A.
Start date: 01/06/2007 **Duration:** 10 months
Total amount: 16.269 €
- 16** **Name of the project:** Vigilancia de la parte posterior de vehículos pesados (camiones fase I y II)
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 3
Funding entity or bodies:
Ficosa International, S.A. **Type of entity:** Business
Start date: 01/03/2007 **Duration:** 8 months
Total amount: 36.000 €
- 17** **Name of the project:** Estudio de viabilidad para un sistema para la monitorización y vigilancia de piscinas
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 3
Funding entity or bodies:
Ficosa International, S.A. **Type of entity:** Business
Start date: 01/04/2006 **Duration:** 6 months
Total amount: 18.000 €
- 18** **Name of the project:** Estudio de viabilidad para la trazabilidad automática de automóviles en autopistas
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 5
Funding entity or bodies:
Autopistas Madrid-Toledo
Centre de Visió per Computador **Type of entity:** University Centres and Structures and Associated Bodies
Start date: 01/03/2005 **Duration:** 2 years - 5 months
Total amount: 18.000 €



- 19** **Name of the project:** ROBOT: sistema de guiado de robot KUKA RC32 para la despaletización de bobinas de hilo
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 3
Funding entity or bodies:
ELASTIC BERGER, S.A.
Start date: 01/01/2005 **Duration:** 6 months
Total amount: 6.500 €
- 20** **Name of the project:** Sistema de Detección de Movimiento Multimodal
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): González Sabaté, Jordi
Nº of researchers: 2
Funding entity or bodies:
Vision Advance
Start date: 15/03/2004 **Duration:** 2 months
Total amount: 1.800 €
- 21** **Name of the project:** Prototipo de vigilancia horaria en zonas de carga y descarga
Degree of contribution: Scientific coordinator
Nº of researchers: 2
Funding entity or bodies:
BARCELONA TECNOLOGIA S.L.
Start date: 01/09/1999 **Duration:** 4 months
Total amount: 2.000 €

Results

Industrial and intellectual property

- 1** **Title registered industrial property:** Procedimiento para identificar el gesto de una mano
Inventors/authors/obtainers: Sergio Escalera; Coen Antens; Jordi Gonzalez; Agnés Borràs; Jordi Abella
Entity holder of rights: IMERSIVO
Nº of application: WO/2016/016496
Country of inscription: Spain
Date of register: 01/08/2014
Conferral date: 04/07/2016
Operating aut.region/region: Catalonia, Spain
Companies: EXIPPLE
- 2** **Title registered industrial property:** A computer-implemented method and a system for remotely monitoring a user, and a computer program product implementing the method
Inventors/authors/obtainers: Xavier Baró; Sergio Escalera; Jordi Gonzalez; Martha Mackay
Entity holder of rights: CVC, UAB, UB, UOC, ACCEPLAN
Nº of application: WO/2016/016277
Country of inscription: Spain



Date of register: 30/07/2014
Conferral date: 04/02/2016
Operating aut.region/region: Spain
Companies: CARE RESPITE

- 3 Title registered industrial property:** Method for detecting defects on yarns
Inventors/authors/obtainers: F. Xavier Roca; Jordi Gonzalez; Miguel A. Viñas; Silvia Sánchez
Entity holder of rights: CVC, UAB
Nº of application: WO/2012/152336
Country of inscription: Spain
Date of register: 12/05/2011
Conferral date: 15/11/2012
Operating aut.region/region: Spain
Companies: ELASTIC BERGER, S.A.

Scientific and technological activities

Scientific production

- 1 H index:** 21
Date of application: 2022
Fuente de Índice H: WOS
- 2 H index:** 37
Date of application: 2022
Fuente de Índice H: GOOGLE SCHOLAR
- 3 H index:** 27
Date of application: 2022
Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

- 1** D Velazquez, P Rodriguez, JM Gonfaus, FX Roca, J González. A Closer Look at Embedding Propagation for Manifold Smoothing. Journal of Machine Learning Research (Q2 Computer Science, Artificial Intelligence). 23, pp. 1 - 27. Microtome Publishing, 2022.
Type of production: Scientific paper
Format: Scientific and technical document or report
Corresponding author: No
- 2** Parichehr Behjati; Pau Rodríguez; Carles Fernandez Tena; Armin Mehri; F. Xavier Roca; Seiichi Ozawa; Jordi González. Frequency-Based Enhancement Network for Efficient Super-Resolution. IEEE Access (Q2 Computer Science, Information Systems). 10, pp. 57383 - 57397. IEEE, 2022.
Type of production: Scientific paper
Format: Scientific and technical document or report
Corresponding author: No
- 3** Yecong Wan; Yuanshuo Cheng; Mingwen Shao; Jordi Gonzalez. Image rain removal and illumination enhancement done in one go. Knowledge-Based Systems (Q1 Computer Science, Artificial Intelligence). 252 - 27, pp. 109244. Elsevier, 2022.



Type of production: Scientific paper
Corresponding author: No

Format: Journal

- 4** Wenjuan Gong; Yue Zhang; Wei Wang; Peng Cheng; Jordi González. Meta-MMFNet: Meta-Learning Based Multi-Model Fusion Network for Micro-Expression Recognition. Transactions on Multimedia Computing, Communications, and Applications (Q1 Computer Science, Theory & Methods). ACM, 2022.

Type of production: Scientific paper
Corresponding author: No

Format: Journal

- 5** Parichehr Behjati, Pau Rodriguez, Carles Fernández, Isabelle Hupont, Armin Mehri, Jordi González. Single Image Super-Resolution Based on Directional Variance Attention Network. Pattern Recognition (Q1 Computer Science, Artificial Intelligence). 133 - 108997, Elsevier, 2022.

Type of production: Scientific paper
Corresponding author: No

Format: Scientific and technical document or report

- 6** Diana Ramírez-Cifuentes; Ana Freire; Ricardo Baeza-Yates; Nadia Sanz Lamora; Aida Álvarez; Alexandre González-Rodríguez; Meritxell Lozano Rochel; Roger Llobet Vives; Diego Alejandro Velazquez; Josep Maria Gonfaus; Jordi González. Characterization of Anorexia Nervosa on Social Media: Textual, Visual, Relational, Behavioral, and Demographical Analysis. Journal of Medical Internet Research (Q1 Health Care Sciences and Services). 23 - 7, 2021.

Type of production: Scientific paper
Corresponding author: No

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Name of the conference: Winter Conference on Applications of Computer Vision WACV (GGS Rating A, Clase 2)
City of event: Virtual conference,
Date of event: 05/01/2021
End date: 09/01/2021
Organising entity: IEEE, CVF
Parichehr Behjati, Pau Rodriguez, Armin Mehri, Isabelle Hupont, Carles Fernandez, Jordi Gonzalez.
- 2** **Title of the work:** Active Player Detection in Handball Videos Using Optical Flow and STIPs Based Measures
Name of the conference: 13th Intl. Conf. on Signal Processing and Communication Systems ICSPCS
City of event: Gold Coast, Australia
Date of event: 16/12/2019
End date: 18/12/2019
Organising entity: IEEE
Marina Ivasic-Kos; Miran Pobar; Jordi Gonzalez.

- 3** **Title of the work:** Towards Visual Personality Questionnaires based on Deep Learning and Social Media
Name of the conference: 21st Intl. Conf. on Social Influence and Social Psychology ICSISP
City of event: Tokyo, Japan
Date of event: 22/04/2019
End date: 23/04/2019
Organising entity: WASET
Pau Rodríguez; Jordi Gonzalez; Josep M. Gonfaus; F. Xavier Roca.
- 4** **Title of the work:** Occlusion aware hand pose recovery from sequences of depth images
Name of the conference: Intl. Conf. on Automatic Face and Gesture Recognition FG (GGS Rating A-, Clase 2)
City of event: Washington D.C., United States of America
Date of event: 30/05/2017
End date: 03/06/2017
Organising entity: IEEE
Meysam Madadi, Sergio Escalera, Alex Carruesco, Carlos Andujar, Xavier Baró, Jordi González.
- 5** **Title of the work:** Regularizing CNNs with locally constrained decorrelations
Name of the conference: 5th Intl. Conf. on Learning Representations ICLR (GGS Rating A, Clase 2)
City of event: Toulon, France
Date of event: 24/04/2017
End date: 26/04/2017
Organising entity: Amazon, Google, Facebook, Intel, Nvidia, Baidu, DeepMind, Salesforce
Pau Rodríguez, Jordi González, Guillem Cucurull, Josep M Gonfaus, Xavier Roca.
- 6** **Title of the work:** Spatio-temporal Pain Recognition in CNN-Based Super-Resolved Facial Images
Name of the conference: 23rd Intl. Conf. on Pattern Recognition Workshops ICPR (GGS Rating A-, Clase 2)
City of event: Cancún, Mexico
Date of event: 04/12/2016
End date: 08/12/2016
Organising entity: IAPR
Marco Bellantonio; Mohammad Ahsanul Haque; Pau Rodriguez; Kamal Nasrollahi; Taisi Telve;; Sergio Escalera; Jordi González; Thomas B. Moeslund; Pejman Rasti; Gholamreza Anbarjafari. "Spatio-Temporal Pain Recognition in CNN-based Super-Resolved Facial Images".
- 7** **Title of the work:** Chalearn Looking at People 2015: apparent age and cultural event recognition datasets and results
Name of the conference: Intl. Conf. on Computer Vision Workshop ICCV (GGS Rating A++, Clase 1)
City of event: Santiago de Chile, Chile
Date of event: 07/12/2015
End date: 13/12/2015
Organising entity: IEEE
Sergio Escalera, Junior Fabian, Pablo Pardo, Xavier Baro, Jordi Gonzalez, Hugo J. Escalante,; Dusan Misevic; Ulrich Steiner; Isabelle Guyon.
- 8** **Title of the work:** Chalearn Looking at People challenge 2015: Dataset and results: action spotting and cultural event recognition
Name of the conference: Intl. Conf. on Computer Vision and Pattern Recognition Workshops CVPR (GGS Rating A++, Clase 1)
City of event: Boston, United States of America
Date of event: 07/06/2015



End date: 12/06/2015

Organising entity: IEEE

X Baro, J Gonzalez, J Fabian, MA Bautista, M Oliu, I Guyon, HJ Escalante, S Escalera. En: 2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR).

- 9** **Title of the work:** ChaLearn Looking at People Challenge 2014: Dataset and Results
Name of the conference: 15th European Conference on Computer Vision Workshops ECCV (GGS Rating A+, Clase 1)
City of event: Zurich, Switzerland
Date of event: 05/09/2014
End date: 12/09/2014
Organising entity: Springer
Sergio Escalera, Xavier Baró, Jordi González, Miguel A Bautista, Meysam Madadi, Miguel Reyes,; Victor Ponce; Hugo J Escalante; Jamie Shotton; Isabelle Guyon.
- 10** **Title of the work:** ChaLearn multi-modal gesture recognition 2013: grand challenge and workshop summary recognition challenge 2013
Name of the conference: 15th Intl. Conf. on Multimodal Interaction (GGS Rating A-, Clase 2)
City of event: Sydney, Australia
Date of event: 09/12/2013
End date: 13/12/2013
Organising entity: ACM
S. Escalera, J. Gonzalez, X. Baró, M. Reyes, O. Lopes, I. Guyon, V. Athitsos, H.J. Escalante,; L. Sigal, A. Argyros, C. Sminchisescu, R. Bowden, S. Sclaroff.
- 11** **Title of the work:** Multi-modal descriptors for multi-class hand pose recognition in human computer interaction systems
Name of the conference: 15th Intl. Conf. on Multimodal Interaction (GGS Rating A-, Clase 2)
City of event: Sydney, Australia
Date of event: 09/12/2013
End date: 13/12/2013
Organising entity: ACM
Jordi Abella; Raul Alcaide; Ana Sabaté; Joan Mas; Sergio Escalera; Jordi Gonzalez; Coean Antens.
- 12** **Title of the work:** 3D human pose estimation using 2D body part detectors
Name of the conference: 21st Intl. Conf. on Pattern Recognition ICPR (GGS Rating A-, Clase 2)
Type of event: Conference
Type of participation: Participatory - others
City of event: Tsukuba, Japan
Date of event: 11/11/2012
End date: 15/11/2012
Organising entity: IEEE
Type of contribution: Book chapter
Adela Barbulescu; Wenjuan Gong; Jordi Gonzalez; Thomas Moeslund; F. Xavier Roca.
- 13** **Title of the work:** Edge Classification using Photo-Geometric features.
Name of the conference: 21st Intl. Conf. on Pattern Recognition ICPR (GGS Rating A-, Clase 2)
Type of event: Conference
Type of participation: Participatory - others
City of event: Tsukuba, Japan
Date of event: 11/11/2012



End date: 15/11/2012

Organising entity: IEEE

Type of contribution: Book chapter

Josep M. Gonfaus; Theo Gevers; Arjan Gijsenij; F. Xavier Roca; Jordi Gonzalez.

- 14** **Title of the work:** Reactive object tracking with a single PTZ camera
Name of the conference: 20th Intl. Conf. on Pattern Recognition ICPR (GGG Rating A-, Clase 2)
City of event: Estambul, Turkey
Date of event: 23/08/2010
End date: 26/08/2010
Organising entity: IEEE
Murad Al Haj; Andrew Bagdanov; Jordi Gonzalez; F. Xavier Roca.

- 15** **Title of the work:** Trinocular stereo matching with composite disparity space image
Name of the conference: 16th Intl. Conf. on Image Processing ICIP (GGG Rating A-, Clase 2)
City of event: El Cairo, Egypt
Date of event: 07/11/2009
End date: 10/11/2009
Organising entity: IEEE
Mikhail Mozerov; Jordi Gonzalez; F. Xavier Roca; Juan J. Villanueva.

- 16** **Title of the work:** A Distributed Camera System for Multi-Resolution Surveillance
Name of the conference: 3rd Intl. Conf. on Distributed Smart Cameras ICDSC
City of event: Como, Italy
Date of event: 30/08/2009
End date: 02/09/2009
Organising entity: ACM, IEEE
Nicola Bellotto; Eric Sommerlade; Ben Benfold; Charles Bibby; Ian Reid; Daniel Roth; Luc Van Gool; C.

- 17** **Title of the work:** Automatic Face and Facial Features Initialization for Robust and Accurate Tracking
Name of the conference: 19th Intl. Conf. on Pattern Recognition ICPR (GGG Rating A-, Clase 2)
City of event: Florida, United States of America
Date of event: 08/12/2008
End date: 12/12/2008
Organising entity: IAPR
Murad Al Haj; Javier Orozco; Jordi Gonzalez; Juan J. Villanueva.

- 18** **Title of the work:** Background Subtraction Technique Based on Chromaticity and Intensity Patterns
Name of the conference: 19th Intl. Conf. on Pattern Recognition ICPR (GGG Rating A-, Clase 2)
City of event: Florida, United States of America
Date of event: 08/12/2008
End date: 12/12/2008
Organising entity: IAPR
Ariel Amato; Mikhail Mozerov; Ivan Huerta; Jordi Gonzalez; Juan J. Villanueva.

- 19** **Title of the work:** View-Invariant Human-Body Detection with Extension to Human Action Recognition Using Component-Wise HMM of Body Parts
Name of the conference: 8th Intl. Conf. on Automatic Face and Gesture Recognition FG (GGG Rating A-, Clase 2)
City of event: Amsterdam, Holland
Date of event: 15/09/2008



End date: 17/09/2008

Organising entity: IEEE

Bhaskar Chakraborty; Ognjen Rudovic; Jordi Gonzalez.

- 20** **Title of the work:** Action Spaces For Efficient Bayesian Tracking Of Human Motion
Name of the conference: 18th Intl. Conf. on Pattern Recognition ICPR (GGS Rating A-, Clase 2)
City of event: HONG KONG, China
Date of event: 20/08/2006
End date: 25/08/2006
Organising entity: IAPR
Ignasi Rius; Javier Varona; Jordi Gonzalez; Juan J. Villanueva.

Works submitted to national or international seminars, workshops and/or courses

- 1** **Title of the work:** Automatic Recognition of actions and activities in multimedia content
Name of the event: Seminario por invitación
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Rijeka, Croatia
Date of event: 24/09/2019
End date: 25/09/2019
Organising entity: University of Rijeka
Jordi Gonzalez.
- 2** **Title of the work:** Towards a Visual Inference of Personality Traits based on Images Shared in Social Networks
Name of the event: Seminarios por invitación
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Kobe, Japan
Date of event: 23/04/2019
End date: 24/04/2019
Organising entity: University of Kobe
Jordi Gonzalez.
- 3** **Title of the work:** Going Beyond Deep Learning for Understanding Human Behaviours in Image Sequences
Name of the event: 10th Intl. Conf. on Articulated Motion and Deformable Objects AMDO
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Palma de Mallorca, Spain
Date of event: 13/07/2018
End date: 13/07/2018
Organising entity: AERFAI, Universitat Illes Balears
Jordi Gonzalez.
- 4** **Title of the work:** Towards Video-Hermeneutics: From pixels to semantics
Name of the event: Seminario por invitación
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Barcelona, Spain



Date of event: 23/10/2014
End date: 23/10/2014
Organising entity: Universitat Pompeu Fabra
Jordi Gonzalez.

5 **Title of the work:** Combining Vision And Language For Designing Cognitive Video Surveillance Systems
Name of the event: Seminario por invitación
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Leuven, Belgium
Date of event: 26/05/2014
End date: 26/05/2014
Organising entity: University of Leuven
Jordi Gonzalez.

6 **Title of the work:** From pixels to semantics in video understanding
Name of the event: Seminario por invitación
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Venecia, Italy
Date of event: 02/05/2014
End date: 02/05/2014
Organising entity: Università IUAV di Venezia
Jordi Gonzalez.

7 **Title of the work:** Towards Video-Hermeneutics: from pixels to semantics
Name of the event: Seminario por invitación
Type of event: Seminar
Reasons for participation: Upon invitation
City of event: Istambul, Turkey
Date of event: 21/06/2012
End date: 21/06/2012
Organising entity: Faculty of Engineering, Bogazici University
Jordi Gonzalez.

8 **Title of the work:** Towards human-sequence evaluation
Name of the event: International ECCOMAS Thematic Conference VipIMAGE 2011
Reasons for participation: Upon invitation
City of event: Olhão, Algarve, Portugal
Date of event: 12/10/2011
End date: 14/10/2011
Organising entity: Universidade do Porto
Type: Scientific paper
Carles Fernandez; Jordi Gonzalez; F. Xavier Roca. "Computational Vision and Medical Image Processing".

9 **Title of the work:** Towards Human-Sequence Evaluation
Name of the event: 14ª edição da Conferencia Portuguesa de Reconhecimento de Padroes (RecPad'2008)
Reasons for participation: Upon invitation
City of event: Coimbra, Portugal
Date of event: 31/10/2008
End date: 31/10/2008



Organising entity: Universidade do Coimbra, ISR (Instituto de Sistemas e Robótica)

Type: Scientific paper

Jordi Gonzàlez.

- 10** **Title of the work:** HERMES: A research project on human sequence evaluation
Name of the event: Eccomas Thematic Conference On Computational Vision And Medical Image Processing (VipIMAGE'2007)
Reasons for participation: Upon invitation
City of event: Porto, Portugal
Date of event: 17/10/2007
End date: 19/10/2007
Organising entity: Universidade do Porto
Type: Scientific paper
Jordi Gonzàlez; F. Xavier Roca; JJ Villanueva. "Computational Vision and Medical Image Processing".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Sponsoring Chair
Affiliation entity: IEEE Intl. Conf. on Automatic Face and Gesture Recognition (FG2020)
Start-End date: 16/11/2020 - 20/11/2020
- 2** **Committee title:** Coordinator of Short-Term Stage Missions (STSMs)
Affiliation entity: COST Action IC1307 **Type of entity:** Associations and Groups
Start-End date: 24/03/2014 - 25/03/2018
- 3** **Committee title:** Management Committee (Spanish representative)
Affiliation entity: COST Action IC1307 **Type of entity:** Associations and Groups
Start-End date: 24/03/2014 - 25/03/2018
- 4** **Committee title:** Technical Program Committee
Affiliation entity: IEEE Intl. Conference on Computer Vision and Patter Recognition (CVPR2016)
Start-End date: 26/06/2016 - 01/07/2016
- 5** **Committee title:** Area Chair
Affiliation entity: IAPR International Conference on Image Analysis and Processing (ICIAP2015)
Start-End date: 07/09/2015 - 11/09/2015
- 6** **Committee title:** Workshop Chair
Affiliation entity: IEEE Intl. Conf. on Advanced Video and Signal based Surveillance (AVSS2015)
Start-End date: 25/08/2015 - 28/08/2015
- 7** **Committee title:** Technical Program Committee
Affiliation entity: IEEE Workshop on the Applications of Computer Vision (WACV2013)
Start-End date: 17/01/2013 - 18/01/2013



- 8** **Committee title:** Area Chair
Affiliation entity: IAPR Intl. Conf. on Pattern Recognition (ICPR2012)
Start-End date: 11/11/2012 - 15/11/2012
- 9** **Committee title:** Publicity Chair
Affiliation entity: IEEE Intl. Conf. on Advanced Video and Signal-Based Surveillance (AVSS2012)
Start-End date: 18/09/2012 - 21/09/2012
- 10** **Committee title:** Local Arrangement Chair
Affiliation entity: IEEE Intl. Conf. on Computer Vision (ICCV2011)
Start-End date: 06/11/2011 - 13/11/2011
- 11** **Committee title:** Workshop Chair
Affiliation entity: IEEE Intl. Conf. on Computer Vision (ICCV2011)
Start-End date: 06/11/2011 - 13/11/2011
- 12** **Committee title:** Tutorial Chair
Affiliation entity: IAPR Iberian Conf. on Pattern Recognition and Image Analysis (ibPRIA2011)
Start-End date: 07/06/2011 - 07/06/2011

Organization of R&D activities

- 1** **Title of the activity:** 2nd Summer School on Integrating Vision and Language 2016 (iV&LSS 2016)
Type of activity: Summer School
Convening entity: COST Action
City convening entity: La Valleta, Malta
Type of participation: Organiser
Start-End date: 21/03/2016 - 24/03/2016
- 2** **Title of the activity:** Chalearn Looking at People Challenge 2015, in conjunction with International Conference on Computer Vision (ICCV2015)
Type of activity: International Challenge and Workshop
Convening entity: IEEE / ChaLearn
City convening entity: Santiago de Chile, Chile
Type of participation: Organiser
Start-End date: 12/12/2015 - 12/12/2015
- 3** **Title of the activity:** Chalearn Looking at People Challenge 2015, in conjunction with Computer Vision and Pattern Recognition (CVPR2015)
Type of activity: International Challenge and Workshop
Convening entity: IEEE / ChaLearn **Type of entity:** Associations and Groups
City convening entity: Boston, United States of America
Type of participation: Organiser
Start-End date: 12/06/2015 - 12/06/2015
- 4** **Title of the activity:** 1st Summer School on Integrating Vision and Language 2015 (iV&LSS 2015)
Type of activity: Summer School
Convening entity: COST Action
City convening entity: Leuven, Belgium
Type of participation: Organiser



Start-End date: 01/06/2015 - 04/06/2015

- 5** **Title of the activity:** Chalearn Looking at People Challenge 2014, in conjunction with the European Conference on Computer Vision (ECCV2014)
Type of activity: International Challenge and Workshop
Convening entity: IEEE / ChaLearn **Type of entity:** Associations and Groups
City convening entity: Zurich, Switzerland
Type of participation: Organiser
Start-End date: 06/09/2014 - 07/09/2014
- 6** **Title of the activity:** ChaLearn Multi-modal Challenge 2013, in conjunction with the ACM International Conference on Multimodal Interaction (ICMI2013)
Type of activity: International Challenge and Workshop
Convening entity: ACM / ChaLearn **Type of entity:** Associations and Groups
City convening entity: Sydney, Australia
Type of participation: Organiser
Start-End date: 09/12/2013 - 09/12/2013
- 7** **Title of the activity:** International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams (ARTEMIS2013), in conjunction with ACM Multimedia Conference (ACMMM2013)
Type of activity: International Workshop
Convening entity: ACM / IEEE **Type of entity:** Associations and Groups
City convening entity: Barcelona, Spain
Type of participation: Organiser
Start-End date: 21/10/2013 - 21/10/2013
- 8** **Title of the activity:** International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams (ARTEMIS2012), in conjunction with IEEE European Conference on Computer Vision (ECCV2012)
Type of activity: International Workshop
Convening entity: IEEE
City convening entity: Florencia, Italy
Type of participation: Organiser
Start-End date: 13/10/2012 - 13/10/2012
- 9** **Title of the activity:** International Workshop on Analysis and Retrieval of Tracked Events and Motion in Imagery Streams (ARTEMIS2010), in conjunction with ACM Multimedia Conference (ACMMM2010)
Type of activity: International Workshop
Convening entity: ACM **Type of entity:** Associations and Groups
City convening entity: Florencia, Italy
Type of participation: Organiser
Start-End date: 29/10/2010 - 29/10/2010
- 10** **Title of the activity:** International Workshop on Tracking Humans for the Evaluation of their Motion in Image Sequences (THEMIS2009), in conjunction with the International Conference on Computer Vision (ICCV2009)
Type of activity: International Workshop
Convening entity: IEEE **Type of entity:** Associations and Groups
City convening entity: Kyoto, Japan
Type of participation: Organiser
Start-End date: 03/10/2009 - 03/10/2009

- 11** **Title of the activity:** International Workshop on Tracking Humans for the Evaluation of their Motion in Image Sequences (THEMIS2008), in conjunction with the British Machine Vision Conference (BMVC2008)
Type of activity: International Workshop
Convening entity: The British Machine Vision Association
Type of entity: Associations and Groups
City convening entity: Leeds, United Kingdom
Type of participation: Organiser
Start-End date: 05/09/2008 - 05/09/2008
- 12** **Title of the activity:** Summer School on New Trends in Pattern Recognition for Motion Analysis
Type of activity: Summer School
Convening entity: Centre de Visió per Computador
Type of entity: University Centres and Structures and Associated Bodies
City convening entity: Barcelona, Spain
Type of participation: Organiser
Start-End date: 07/07/2008 - 11/07/2008

R&D management

- 1** **Name of the activity:** Creación de empresas de base tecnológica con actividad demostrable
Type of management: Management of body
Performed tasks: Co-fundador y Socio
Entity: Care Respite S.L. (CIF B66644444)
Start date: 15/11/2015
- 2** **Name of the activity:** Revisor de 15 evaluaciones de propuestas de proyectos R&D
Performed tasks: Colaboración en el proceso de evaluación
Entity: Agencia Estatal de Investigación
Type of entity: State agency
Start date: 01/01/2014
Duration: 8 years
- 3** **Name of the activity:** Creación de empresas de base tecnológica con actividad demostrable
Type of management: Management of body
Performed tasks: Co-fundador y socio
Entity: Visual Tagging Services S.L. (CIF B65838427)
Start date: 16/07/2012
- 4** **Name of the activity:** Creación de empresas de base tecnológica con actividad demostrable
Type of management: Management of body
Performed tasks: Co-fundador y socio
Entity: Cloud Sizing Services (CIF B65687790)
Start date: 14/12/2011
- 5** **Name of the activity:** Winter School "Visiontrain"
Type of management: Programme management
Performed tasks: Asistencia
Entity: INRIA Alpes
Start date: 09/03/2008
Duration: 6 days



- 6** **Name of the activity:** One-Week Training Course for Framework 7 Advisors
Type of management: Management of R&D&I actions and projects
Performed tasks: Asistencia
Entity: Hyperion Ltd.
Start date: 19/02/2008 **Duration:** 3 days
- 7** **Name of the activity:** Course on European Cooperation for Space Standardization (ECSS)
Type of management: Management of R&D&I actions and projects
Performed tasks: Asistencia
Entity: ANSWARETECH, S.L.
Start date: 01/06/2006 **Duration:** 1 day

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** University Kobe **Type of entity:** University
Faculty, institute or centre: Graduate School of Engineering
City of entity: Kobe, Japan
Start-End date: 23/02/2020 - 16/03/2020 **Duration:** 22 days
Goals of the stay: Post-doctoral
Provable tasks: Continuación de la colaboración dentro del Proyecto TIN2015-65464-R PERIPHAS
- 2** **Entity:** University Kobe **Type of entity:** University
Faculty, institute or centre: Graduate School of Engineering
City of entity: Kobe, Japan
Start-End date: 25/03/2019 - 10/05/2019 **Duration:** 1 month - 16 days
Goals of the stay: Post-doctoral
Provable tasks: Colaboración dentro del Proyecto TIN2015-65464-R PERIPHAS
- 3** **Entity:** University Aalborg **Type of entity:** University
Faculty, institute or centre: Department of Architecture, Design and Media Technology
City of entity: Aalborg, Denmark
Start-End date: 01/08/2015 - 31/08/2015 **Duration:** 1 month
Goals of the stay: Post-doctoral
Provable tasks: Colaboración en el proyecto TIN2012-39051 PRAGMATA
- 4** **Entity:** KU Leuven **Type of entity:** University
Faculty, institute or centre: Department of Vision in Industry, Communications, and Services
City of entity: Leuven, Belgium
Start-End date: 05/05/2014 - 30/06/2014 **Duration:** 1 month - 26 days
Goals of the stay: Post-doctoral
Provable tasks: Colaboración en el proyecto TIN2012-39051 PRAGMATA
- 5** **Entity:** University Porto **Type of entity:** University
Faculty, institute or centre: Departamento de Engenharia Mecânica, Faculdade de Engenharia
City of entity: Oporto, Portugal
Start-End date: 01/10/2011 - 23/12/2011 **Duration:** 2 months - 22 days
Goals of the stay: Post-doctoral



Provable tasks: Colaboración científica dentro del Proyecto PT2009-0023 - Colaboración UAB/FEUP

- 6** **Entity:** University Amsterdam **Type of entity:** University
Faculty, institute or centre: Intelligent Systems Lab Amsterdam
City of entity: Amsterdam, Holland
Start-End date: 01/09/2008 - 03/10/2008 **Duration:** 1 month - 3 days
Goals of the stay: Post-doctoral
Provable tasks: Colaboración en el proyecto europeo FP6-IST 045547 VIDI-Video
- 7** **Entity:** University Amsterdam **Type of entity:** University
Faculty, institute or centre: Intelligent Systems Lab Amsterdam
City of entity: Amsterdam, Holland
Start-End date: 07/01/2008 - 07/02/2008 **Duration:** 1 month - 1 day
Goals of the stay: Post-doctoral
Provable tasks: Colaboración en el proyecto europeo FP6 045547 VIDI-Video
- 8** **Entity:** University Amsterdam **Type of entity:** University
Faculty, institute or centre: Intelligent Systems Lab Amsterdam
City of entity: Amsterdam, Holland
Start-End date: 06/08/2007 - 05/10/2007 **Duration:** 2 months
Goals of the stay: Post-doctoral
Provable tasks: Colaboración en el proyecto europeo FP6 045547 VIDI-Video
- 9** **Entity:** Universidad de las Islas Baleares **Type of entity:** University
Faculty, institute or centre: Unidad de Gráficos y Visión por Ordenador
City of entity: Palma de Mallorca, Spain
Start-End date: 02/04/2007 - 29/06/2007 **Duration:** 2 months - 27 days
Goals of the stay: Post-doctoral
Provable tasks: Cooperación dentro del proyecto CONSOLIDER MIPRCV-22502
- 10** **Entity:** University Karlsruhe **Type of entity:** University
Faculty, institute or centre: Institut für Algorithmen und Kognitive Systeme
City of entity: Karlsruhe, Germany
Start-End date: 15/08/2003 - 17/10/2003 **Duration:** 2 months - 3 days
Goals of the stay: Doctorate
Provable tasks: Adaptación de la tecnología Situation Graph Trees al análisis del comportamiento humano.
- 11** **Entity:** University Karlsruhe **Type of entity:** University
Faculty, institute or centre: Institut für Algorithmen und Kognitive Systeme
City of entity: Karlsruhe, Germany
Start-End date: 01/11/2001 - 07/12/2001 **Duration:** 1 month - 7 days
Goals of the stay: Doctorate
Provable tasks: Aprendizaje de la tecnología Situation Graph Trees adaptada al análisis del comportamiento de vehículos

Scientific societies and professional associations

- 1** **Name of the society:** EUCogIII - European Network for the Advancement of Artificial Cognitive Systems
Affiliation entity: Coordination Action IST CogSys - Cognitive Systems
Start-End date: 2012 - 2014
- 2** **Name of the society:** EUCogII - European Network for the Advancement of Artificial Cognitive Systems
Affiliation entity: Coordination Action IST CogSys - Cognitive Systems
Start-End date: 2009 - 2011
- 3** **Name of the society:** euCognition - European Network for the Advancement of Artificial Cognitive Systems
Affiliation entity: Coordination Action IST CogSys - Cognitive Systems
Start-End date: 2006 - 2008
- 4** **Name of the society:** Artificial Intelligence Research Alliance
Affiliation entity: AIRA
Start date: 2022
- 5** **Name of the society:** European Lab for Learning and Intelligent Systems
Affiliation entity: ELLIS
Start date: 2021
- 6** **Name of the society:** Sponsors of Challenges in Machine Learning
Affiliation entity: ChaLearn
Start date: 2014
- 7** **Name of the society:** Associació Catalana d'Intelligència Artificial
Affiliation entity: ACIA
Start date: 2011
- 8** **Name of the society:** Asociación Española de Reconocimiento de Formas y Análisis de Imágenes (AERFAI)
Affiliation entity: IAPR
Start date: 2009
- 9** **Name of the society:** Institute of Electrical and Electronics Engineers
Affiliation entity: IEEE
Start date: 2009

Editorial councils

- 1** **Name of the editorial council:** Area Editor
Affiliation entity: International Journal of Automation and Computing journal, Springer (JCR Q3 "Computer Science, Artificial Intelligence")
City affiliation entity: AsmterdamAsmterdam, Holland
Start date: 2021 **Duration:** 2 months

2 Name of the editorial council: Area Editor**Affiliation entity:** Computer Vision and Image Understanding journal, Elsevier (JCR Q2 "Computer Science, Artificial Intelligence")**City affiliation entity:** AsmterdamAsmterdam, Holland**Start date:** 2012**Duration:** 9 years**3 Name of the editorial council:** Area Editor**Affiliation entity:** IET Computer Vision journal (JCR Q3 "Computer Science, Artificial Intelligence")**City affiliation entity:** LondonLondon, United Kingdom**Start date:** 2012**Duration:** 9 years**Prizes, mentions and distinctions****1 Description:** AI for Social Good Award**Awarding entity:** Associació Catalana d'Intelligència Artificial **Type of entity:** Associations and Groups**Conferral date:** 20/10/2022**2 Description:** Board Award**Awarding entity:** Programa SpinUOC, UOC**Conferral date:** 2015**3 Description:** 3rd place**Awarding entity:** Demonstration Competition en el Gesture Recognition Workshop, ICPR**Conferral date:** 2012**4 Description:** First Prize**Awarding entity:** Programa de Generación de Ideas, UAB**Conferral date:** 2012**5 Description:** Participation Award**Awarding entity:** Activity Recognition Competition Workshop, CVPR**Conferral date:** 2011**6 Description:** Runner-Up Prize in the Segmentation Competition**Awarding entity:** PASCAL Visual Object Classes Challenge Workshop**Conferral date:** 2010**7 Description:** Winner of the Action Classification Taster**Awarding entity:** PASCAL Visual Object Classes Challenge Workshop**Conferral date:** 2010**8 Description:** Honourable Mention in the Classification Competition**Awarding entity:** PASCAL Visual Object Classes Challenge Workshop**Conferral date:** 2009**9 Description:** Winner of the Segmentation Competition**Awarding entity:** PASCAL Visual Object Classes Challenge Workshop**Conferral date:** 2009



- 10** **Description:** Most Suitable for Commercial Application Award
Awarding entity: Intl. Conf. on Articulated Motion and Deformable Objects AMDO
Conferral date: 2008
- 11** **Description:** Best Paper Award
Awarding entity: Intl. Conf. on Articulated Motion and Deformable Objects AMDO
Conferral date: 2004

Obtained accreditations/recognitions

- 1** **Description:** 1 Tramo Autonómico de Gestión
Accrediting entity: Agència Qualitat Sistema Universitari de Catalunya (AQU)
Date of recognition: 2022
- 2** **Description:** 3 Sexenios Estatales de Investigación
Accrediting entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI)
Nº of recognized periods: 3
Date of recognition: 2022
- 3** **Description:** 4 Tramos Autonómicos de Docencia
Accrediting entity: Agència Qualitat Sistema Universitari de Catalunya (AQU)
Nº of recognized periods: 4
Date of recognition: 2021
- 4** **Description:** 1 Sexenio Estatal de Transferencia
Accrediting entity: Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI)
Date of recognition: 2020
- 5** **Description:** 3 Tramos Autonómicos de Investigación y Transferencia
Accrediting entity: Agència Qualitat Sistema Universitari de Catalunya (AQU)
Date of recognition: 2020
- 6** **Description:** 4 Tramos Estatales de Docencia
Accrediting entity: Comissió de Personal Acadèmic, Universitat Autònoma de Barcelona
Date of recognition: 2020
- 7** **Description:** Acreditación Nacional de Catedrático de Universidad
Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** Agencia Estatal de la Calidad y Acreditación
Date of recognition: 2020
- 8** **Description:** Acreditación Nacional de Profesor Titular de Universidad
Accrediting entity: Consejo de Universidades **Type of entity:** State agency
Date of recognition: 2010