



Juan A. Sánchez-Margallo

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Summary

Dr. Juan A. Sánchez Margallo obtained the degree in Computer Science from the University of Extremadura (Spain) in 2007. In 2008, he obtained a Researcher Staff Training Scholarship from the Extremadura Region Government (Spain). From 2008 to 2015, he was a researcher at the Bioengineering and Health Technology Unit of the Jesús Usón Minimally Invasive Surgery Centre (JUMISC) (Spain). In 2014, he earned the PhD degree with European Mention from the University of Extremadura within the field of Bioengineering, obtaining the PhD Extraordinary Award. From 2015 to 2017, he did a postdoctoral specialization for two years at the Department of Medical Technology of SINTEF (Norway). In 2017, he was a postdoctoral visiting researcher at the Department of Biomechanical Engineering, Technical University of Delft (the Netherlands). In 2018, he had a contract associated with a grant from the Regional Government of Extremadura to attract research talent to R&D centers belonging to the System of Science, Technology, and Innovation. In 2023, he was awarded the Research Excellence Accreditation of the Regional Government of Extremadura. From 2024, he is a Senior Scientific Researcher at the Bioengineering and Health Technology Unit of the JUMISC. He was a member of the European Association for Endoscopic Surgery (EAES) Technology Committee from 2021 to 2025. He is a Board Member of the Spanish Society of Surgical Research (SEIQ) and a Steering Committee Member of the International Society for Medical Innovation and Technology (iSMIT).

Experience

2024–Present: Senior Researcher. Bioengineering and Health Technologies Unit, Jesús Usón Center for Minimally Invasive Surgery (CCMIJU), Cáceres (Spain).

2024–Present: Board Member of the Spanish Society of Surgical Research (SEIQ).

2024–Present: Researcher. University Institute of Biomarkers of Molecular Pathologies (IBPM), University of Extremadura.

2021–Present: Professor in the Official Master's Degree " Endoscopia y Cirugía de Mínima Invasión en Pequeños Animales (CEyCMI)".

2021–2025: Technology Committee member of the European Association for Endoscopic Surgery (EAES).

2017–2024: Researcher. Bioengineering and Health Technologies Unit, CCMIJU.

2015–2017: Postdoctoral Researcher

- Medical Technology Department, SINTEF Technology and Society, Trondheim (Norway).

- Department of Biomechanical Engineering, Delft University of Technology, Delft (The Netherlands).

2008–2014: Predoctoral Researcher

- Department of Computer Science, University of Bristol, Bristol (United Kingdom).
- Bioengineering and Health Technologies Unit, CCMIJU (Spain).

Education

2023: Accreditation of Research Excellence from the Autonomous Community of Extremadura (AEXI). Regional Government of Extremadura (Spain).

2014: Doctor Europeus (PhD) in Computer Science with Special Doctorate Award, University of Extremadura (Spain).

2012: Diploma in Robotics, Mechatronics, Robotics, and Automation Engineering Santa Teresa de Jesús Catholic University of Ávila (Spain).

2012: Specialist Technician at Robotics. San Valero Foundation (Spain).

2010: Diploma of Advanced Studies in Computer Science, University of Extremadura (Spain).

2007: Computer Scientist, University of Extremadura (Spain).

Scientific results

- >40 publications in JCR journals.
- >20 book chapters.
- >350 presentations at conferences.
- 4 patents (including 1 European); 4 utility models and 1 industrial design.
- Participation in 42 competitive funded R&D projects (15 international/EU, 16 national, 11 regional).
- 16 Awards, mentions, and distinctions; 6 competitive grants.