

## PERSONAL INFORMATION

## Alberto José Arenillas

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 [www.smasp.org](http://www.smasp.org)  <https://www.linkedin.com/in/alberto-jose-arenillas-3b170444/>

Sex Male | Date of birth 24/04/1968 | Nationality Spanish

## POSITION

## Director and chief executive

## WORK EXPERIENCE

2018–Present

## Founder, Director and chief executive

SMASP, Madrid (Spain)

01/05/2020–01/07/2020

## Expert evaluator

European Community. Program H2020- TRINITY, Bruseless (Belgium)

TRINITY program proposal evaluator.

TRINITY is a program of H2020 whose purpose is the application of robotics to the manufacturing industry.

Having to evaluate different proposals made by companies in the European Union.

2002–2018

## Design Department Manager , Engineer and Project Manager

Idom, Madrid (Spain)

2001–2002

## Head of Design in Industrial Design Department

Foster Wheeler, Madrid (Spain)

1997–2001

## Technical Manager

Alcalá Industrial (Grupo Cointra), Alcalá de Henares (Spain)

1994–1997

## Project Manager and Technical Director

Medis Engineering Group, Leganés (Spain)

## EDUCATION AND TRAINING

1986–1992

## Aeronautical Engineer

EQF level 7

Technical University of Madrid, Madrid (Spain)

[Related document\(s\): Titulo\\_ingeniero\\_aeronautico.pdf](#)

04/2018–06/2019

## MBA Master of Business Administration of Enterprise digital

EQF level 7

IEBS (Innovation &amp; Entrepreneurship Business School), Madrid (Spain)

- Lean Startup
- Business strategy
- Agile product development

- Products and Services
- Marketing
- Human Resources
- Customers and Marketing
- Logistics
- Inbound Marketing
- Finance and Accounting
- Outbound Marketing
- Investment and Financing
- Analytics and UX
- Legal
- Launching
- International
- Search Marketing: SEO/SEM
- Social Media & Ads
- PPC/SEM: Display, Programmatic and Remarketing
- Web Analytics
- Project End of Master

[Related document\(s\): MBA\\_DB\\_IEBS.pdf](#)

2015–2016 **Master in entrepreneurship (840 h)**  
GADE Business School, Madrid (Spain)

EQF level 7

- Entrepreneurship
- Marketing
- Technologies
- Franchise
- Business Planning
- Administration
- Finance
- Organization
- Internationalization
- Quality and service
- Interpersonal communication
- Negotiation
- Management skills
- Leadership

[Related document\(s\): GADE\\_Master\\_Emprendedores.pdf](#)

2015–2016 **Master of leadership and manager skills (660h)**  
GADE Business School, Madrid (Spain)

EQF level 6

- Business protocol
- Management skills
- Leadership
- Negotiation
- Interpersonal Communication
- Commercial Communication

- Quality and service
- Organization
- Resource planning
- Management

[Related document\(s\): TITULO\\_ALBERTO\\_JOSE\\_ARENILLAS\\_LIDERAZGO.pdf](#)

PERSONAL SKILLS

Mother tongue(s) Spanish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1	B1	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages - Self-assessment grid](#)

Organisational / managerial skills

Course in Business Administration, UNED (Universidad Nacional de Educación a Distancia), Madrid, 2004

Job-related skills

Course in CAD/CAM/CAE (Master, 960h), School of Industrial Engineers of Madrid, 1997  
 Course in Wind Power Generation (250h), Carlos III University, Madrid, 1998  
 Course in Climatization of aiplanes (250h), Official College of Aeronautical Engineers, Madrid, 1998  
 Course in Machine Learning (400 h), Stanford University, 2019  
 Course [Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning \(30 h\)](#), Google, 2019

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital skills - Self-assessment grid](#)

Business Intelligence PowerBi  
 Design and optimitation Web  
 Marketing (Inboud, Push, Hack Grown)  
 AI and Deep Learnig: TensorFlow  
 Operating systems: Dos, Windows, UNIX.  
 Programming language: Basic, Visual Basic.  
 Data processing: Excel. Qpro  
 PDM: Optegra, Sprint  
 CAD: Catia, Unigraphics, Cadds5, EMS

ADDITIONAL INFORMATION

Projects

**SMASP (2018-)**  
**SMASP Foundation and development innovate products**

Founder and CEO

**SMASP (2020-)**

**Development of THE SCENT OF COVID19**

A device to recognize the COVID19 through the VOCs in the breathing air.  
Presented to different proposals: European Union, UNICEF, Bstartup (B. Sabadell)

**SMASP (2020- )**

**Development TRIAGIA**

Management, design and building of TRIAGIA

**SMASP (2018-2019)**

**Development ELECTRONIC SUNSHADE**

Management, design and building Sunshade

**SMASP (2019-2020)**

**Development DRONSTEM**

Management, design Dronstem

**NPP ALMARAZ- TRILLO (CNAT), 2015-2018**

**Life Management (Selection and Target)**

Engineering

Extraction and recompilation of passive component of NPP Almaraz

**ENRESA (2014-2015)**

**Detailed engineering of TMC (Building of cask maintenance).**

Project engineer.

Design for Maintenance Platform.

**NPP ALMARAZ (2013-2014)**

**RISK OF BURIED PIPES OF NPP ALMARAZ**

Project engineer.

Extraction, resume and analysis of cask pipe parameters.

Probabilistic analysis using BPWORKS software

Classification pipe buried related to risk of leak, occlusion and break

Procedures development.

**NPP ALMARAZ- TRILLO (CNAT), 2015-2016**

**Risk of Buried Pipes of NPP Trillo**

Engineering

Extraction, resume and analysis of cask pipe parameters.

Probabilistic analysis using BPWORKS software

Classification pipe buried related to risk of leak, occlusion and break

Procedures development.

**Fusion for Energy (F4E), Engineering support in civil engineering analysis, 2010-2014**

Mechanical Engineer

Solution development for the cryostat supporting columns

Evaluation of mechanical designs supplied by F4E/ITER  
Documentation review and approval (CATIA V5 models and layouts)

**Fusion for Energy (F4E), Engineering support in the area of Test Blanket Module (TBM) Study of the design of the 3 possible configurations, 2013-2014**

Mechanical and design engineer  
Analysis of the different design alternatives for each configuration  
Hydraulic calculations  
Documentation review and approval (CATIA V5 models and layouts)

**IDOM - CDTI, Design of a cleaning system for solar mirrors, 2011-2012**

Project Manager  
Development of a cleaning system for cylindrical-parabolic solar collectors (mechanical design in CATIA)

**IDOM - CDTI, Design of a guided system to medical devices using stereotaxic techniques 2011-2012**

Project Manager  
Development of low cost guided system of nonlinear trajectories to medical devices using imagen medical and medical points reference.

**JANUS DEVELOPMENT S.L., Development biomedical devices, 2011**

Project Engineer  
Mechanical Engineering and prototype development of an automatic suturing system for laparoscopic surgery (mechanical design in CATIA)

**IMSERO, Development of wheelchair mounted robotic arm, 2011**

Project Engineer  
Development of a robotic arm for supporting communication systems. Supervision and control of manufacturing and assembly (mechanical design in CATIA)

**UNIVERSITY CARLOS III, Design and manufacturing a byped robot (2006-2008)**

Project Manager and Consultancy.  
Mechanical Design of byped robot humanoid

**INTA, Design, manufacture, installation and commissioning of cutting machine of carbon probe, 2004**

Project Manager and Consultancy.  
Mechanical and Electrical Design, intallation and comissioning

**CERN, Design, manufacture, installation and commissioning the cooling system to CTF3, 2005**

Project Manager and Consultancy.  
Mechanical design, component selection, installation and control (mechanical design in CATIA)

**UNIVERSITY OF MALAGA, Development of some robots for assistance in laparoscopic surgery, 2005, 2010**

Project Manager  
Mechanical design, component selection, installation and control (mechanical design in CATIA)

**Celesa, Forest engineering (2004)**

Project Engineer and Consultancy

FEM generation and mesh of a rotating impact cellulose cutting machine for the diagnostics of functional problems (models in I-DEAS/CATIA)

## References

**PATENTS**

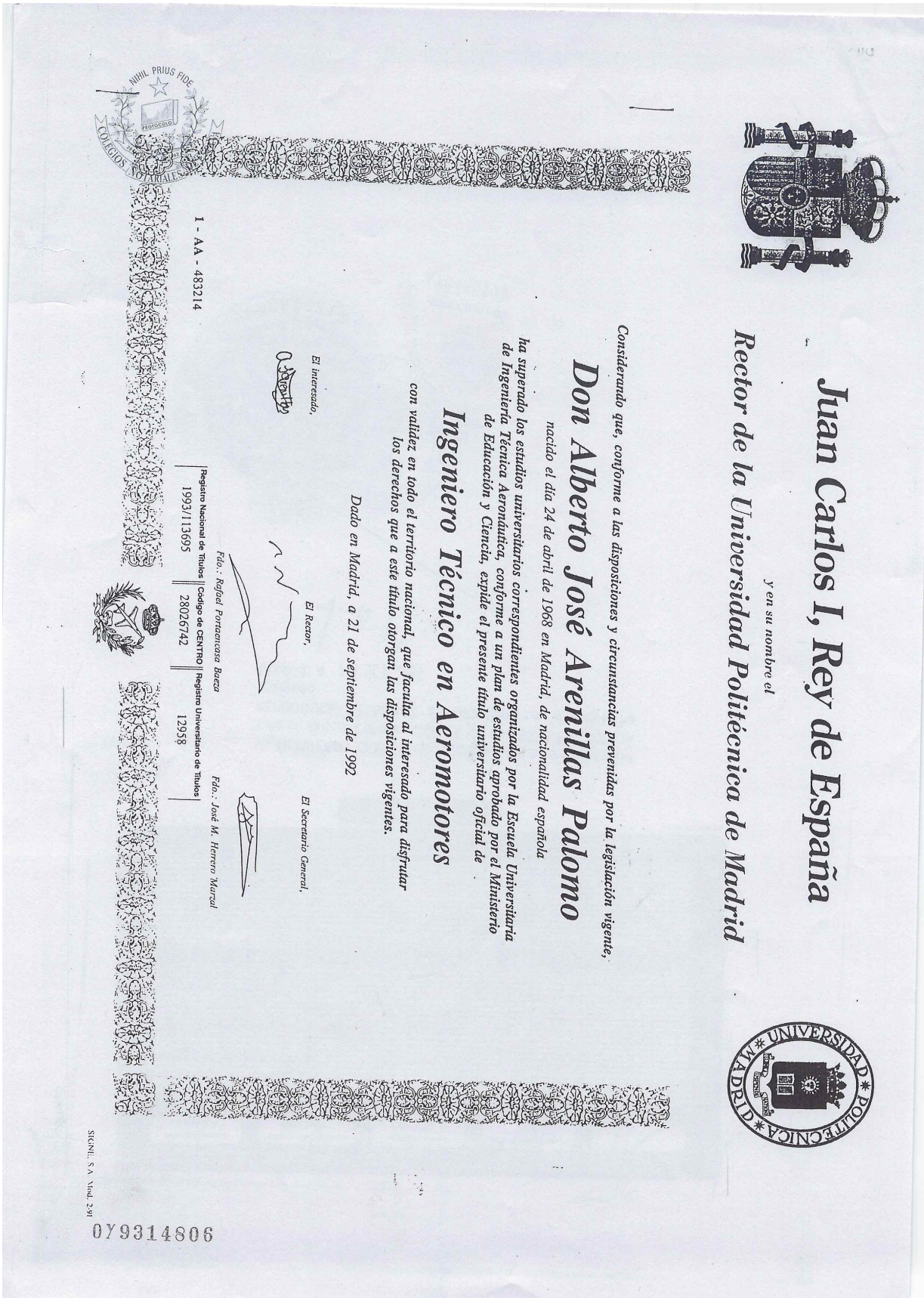
- P-ES20110000099 Automatic Cleaning System of windows
- P-ES07000442, P-ES2007000442 Robotic System of assistance to Laparoscopic surgery capable of positioning surgical instrument in response to the voice of a surgeon without fixing to the operating table.
- P-ES20100031491 Surgical Device for non-continuous suture
- P-201230177 Automatic Cleaning Device for CSP mirrors
- P-201230893 Wheelchair interface Support Device
- P-ESP201431613 Automatic cart load with capacity to climb obstacles

## ATTACHMENTS

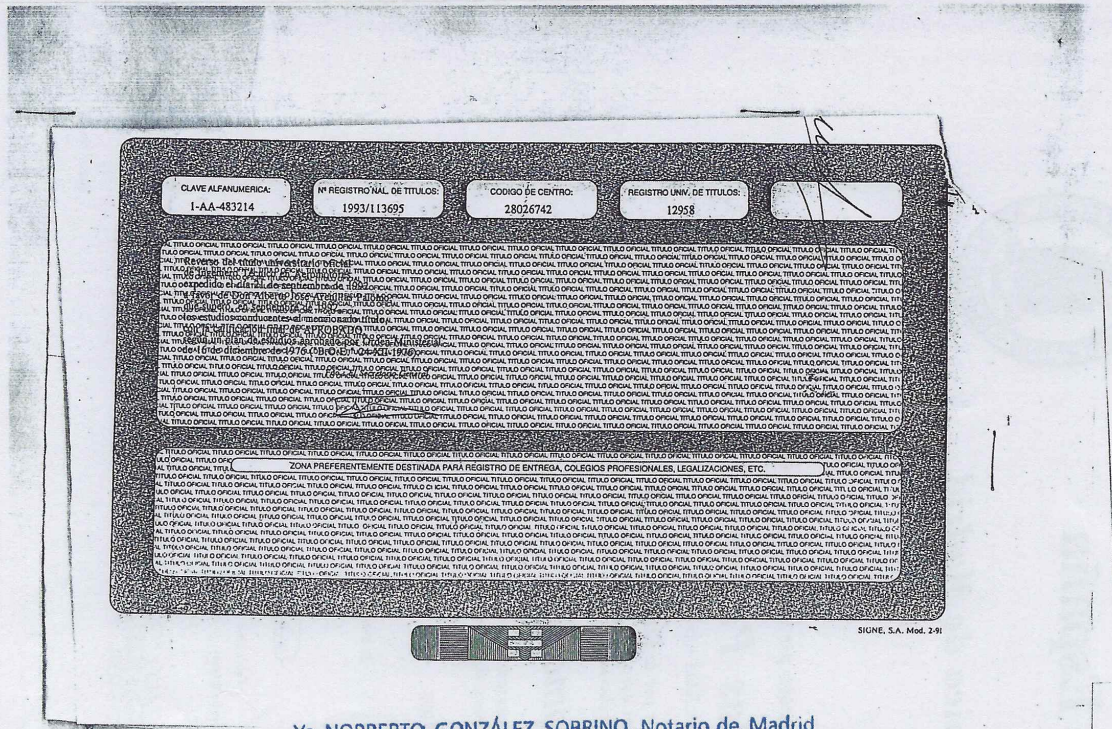
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- Titulo\_ingeniero\_aeronautico.pdf
  - MBA\_DB\_IEBS.pdf
  - GADE\_Master\_Emprendedores.pdf
  - TITULO\_ALBERTO\_JOSE\_ARENILLAS\_LIDERAZGO.pdf



Titulo\_ingeniero\_aeronautico.pdf 







Yo, **NORBERTO GONZÁLEZ SOBRINO**, Notario de Madrid  
y de su Ilustre Colegio, **DOY FE** de que **ESTA FOTOCOPIA**  
**REPRODUCE FIELMENTE EL ORIGINAL** con el que la he  
cotejado.  
Madrid, a **23 OCT 2006**

*NIL*





MBA\_DB\_IEBS.pdf 

**IEBS**

Innovation & Entrepreneurship  
Business School

El Director, de acuerdo con la dirección facultativa, otorga el presente Diploma a:

**Alberto José Arenillas Palomo**

Por haber superado todos los requisitos necesarios para la obtención del título de

**MBA in Digital Business**

Con una duración de 1.125 horas.

Barcelona, 23 de septiembre de 2019



Oscar Fuente Castrillejo  
Director de IEBS



Jesús Monleón  
Director del Master



Pascual Parada  
Director del Master



Roberto Touza  
Director del Master



Secretaría Académica

## GADE\_Master\_Emprendedores.pdf



**GADE**  
BUSINESS SCHOOL

**Certifica que**  
*Alberto José Arenillas Palomo*

con NIF 33.503.149 S ha superado las pruebas para la obtención del título que se expide equivalente a 840 horas lectivas, en la modalidad a DISTANCIA - ON LINE, en Madrid a 11 de marzo de 2016.

**MASTER DE EMPRENDEDORES**



El Interesado

El Director General

ESCUELA SUPERIOR DE GESTIÓN, ADMINISTRACIÓN Y DIRECCIÓN DE EMPRESAS S.L.  
P.º DE LA CASTELLANA, 243 1ºD, 28046 MADRID



El Director del Máster



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**MASTER DE EMPRENDEDORES**

- 1 Aprender a emprender
- 2 Marketing para emprendedores
- 3 Emprendedores y nuevas tecnologías
- 4 La financiación
- 5 El plan de negocio
- 6 Administración para emprendedores
- 7 Finanzas para no financieros
- 8 Organización, empresa y factor humano + anexo final
- 9 Internacionalización del negocio
- 10 Calidad y servicio
- 11 Comunicación interpersonal
- 12 Negociación
- 13 Habilidades de gestión y desarrollo personal
- 14 Liderazgo, IEF y coaching

## TITULO\_ALBERTO\_JOSE\_ARENILLAS\_LIDERAZGO.pdf



Certifica que

*Alberto José Arenillas Palomo*

con NIF 33.503.149-S ha superado las pruebas para la obtención del título que se expide equivalente a 600 horas lectivas, en la modalidad a DISTANCIA - ON LINE, en Madrid a 05 de Julio de 2016.

### MASTER EN LIDERAZGO Y HABILIDADES DIRECTIVAS



El Interesado



El Director General



El Director del Máster

ESCUELA SUPERIOR DE GESTIÓN, ADMINISTRACIÓN Y DIRECCIÓN DE EMPRESAS S.L.  
P.º DE LA CASTELLANA, 243 1ºD, 28046 MADRID



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