



Jordi Font Ferré

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Jordi Font Ferré

Surname(s): **Font Ferré**
Name: **Jordi**
Personal web page: <http://www.icm.csic.es/oce/en/content/jfont/>

Current professional situation

Employing entity: CSIC

Department: Instituto de Ciencias del Mar

Professional category: Research Professor

Start date: 20/05/2007

Type of contract: Civil servant

Dedication regime: Full time

Tertiary (UNESCO code): 251007 - Physical oceanography

Performed tasks: Main research interests: Ocean remote sensing: determination of sea surface salinity by microwave radiometry. Physical oceanography of the Mediterranean Sea: water masses, circulation and climate change. Ocean circulation: operational measurements of ocean currents, technological improvements. Mesoscale dynamics: fronts, eddies, topographic interactions, physical-biological processes coupling. At present he is Co-Lead Investigator for ocean salinity in the European Space Agency Soil Moisture and Ocean Salinity (SMOS) mission.

Previous positions and activities

	Employing entity	Professional category	Start date
1	CSIC	Scientific Researcher	29/01/1990
2	CSIC	Tenured Scientist	01/02/1987

1 **Employing entity:** CSIC
Professional category: Scientific Researcher
Start-End date: 29/01/1990 - 20/05/2007

2 **Employing entity:** CSIC
Professional category: Tenured Scientist
Start-End date: 01/02/1987 - 28/01/1990



Education

University education

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

Name of qualification: B Sc in Physics

Degree awarding entity: Universitat de Barcelona

Type of entity: University

Date of qualification: 01/07/1973

Doctorates

Doctorate programme: Physics

Degree awarding entity: Universitat de Barcelona

Type of entity: University

Date of degree: 03/04/1986

Thesis director: Manuel Puigcerver Zanón

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Russian		A1			
Portuguese		C1	A1	A1	
Catalan		C1	C1	C1	C1
Spanish		C1	C1	C1	C1
French		C1	C1	C1	C1
English		C1	C1	C1	C1
Italian		C1	C1	C1	

Teaching experience

General teaching experience

1 Name of the course: Oceanography: a key to better understand our world
University degree: Massive Online Open Course
Start date: 2015 **End date:** 2015
End date: 2015
Entity: U. Barcelona / Barcelona World Race Ocean Campus **Type of entity:** University

2 Name of the course: Ocean remote sensing: Microwave radiometry
University degree: Marine Sciences Master Degree: Oceanography and marine Environment Management
Start date: 2014 **End date:** 2015





End date: 2015

Entity: Universitat de Barcelona

Type of entity: University

3 Name of the course: Physical oceanography extensions

University degree: Oceanography Doctorate Degree

Start date: 2006

End date: 2010

Entity: Univ. Las Palmas de Gran Canaria

4 Name of the course: The path of the Atlantic waters entering into the Western Mediterranean Sea, + Organizing Committee member

University degree: MAST Advanced Study Course "The Mediterranean Marine System"

Start date: 1999

End date: 1999

Entity: Universitat de Barcelona

5 Name of the course: Oceanography

University degree: Remote Sensing Master Degree

Start date: 1998

End date: 1999

Entity: IEEC / FCR

6 Name of the course: Ocean circulation

University degree: Marine Sciences Doctorate Degree

Start date: 1990

End date: 2000

Entity: UPC/UB/CSIC

Experience supervising doctoral thesis and/or final year projects

1 Project title: Study of salinity retrieval errors for the SMOS mission

Co-director of thesis: Adriano Camps Carmona

Entity: Universitat Politècnica de Catalunya

Type of entity: University

Student: Carolina Gabarró Prats

Date of reading: 2004

2 Project title: Estadística de vòrtex coherents a la Mediterrània: Anàlisi de la superfície lliure del mar

Co-director of thesis: Emilio García Ladona

Entity: Universitat Politècnica de Catalunya

Type of entity: University

Student: Jordi Isern Fontanet

Date of reading: 2003

3 Project title: Análisis espacial objetivo de datos oceanográficos: aplicaciones en el Mar de Alborán

Co-director of thesis: Damià Gomis Bosch

Entity: Universitat Politècnica de Catalunya

Type of entity: University

Student: Simón Ruiz Valero

Date of reading: 2000



- 4** **Project title:** Estudio lagrangeano de la circulación superficial en la cuenca argelina (Mar Mediterráneo occidental)
Entity: Universitat Politècnica de Catalunya **Type of entity:** University
Student: José de Jesús Salas Pérez
Date of reading: 1999
- 5** **Project title:** Variabilité spatiale et temporelle de la circulation superficielle dans la région du courant Algerien
Entity: Université Pierre et Marie Curie, Paris VI
Student: Catherine Bouzinac
Date of reading: 1997
- 6** **Project title:** Aplicaciones del radar de apertura sintética (SAR) del satélite ERS-1 al estudio de la dinámica de mesoescala en el Mar de Alborán
Entity: Universitat de Barcelona **Type of entity:** University
Student: Bernardo Shirasago Germán
Date of reading: 1996
- 7** **Project title:** Aplicación de un perfilador acústico por efecto Doppler a la medida de corrientes marinas en el Mediterráneo occidental
Co-director of thesis: Julio Candela
Entity: Universitat Politècnica de Catalunya **Type of entity:** University
Student: Elisa García Górriz
Date of reading: 1995
- 8** **Project title:** Estudio numérico de la dinámica de la capa superficial oceánica: Aplicación al mar Catalán
Co-director of thesis: Joaquín Tintoré Subirana
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Emilio García Ladona
Date of reading: 1991
- 9** **Project title:** Variabilidad espacio-temporal de la zona costera. Factores que influyen y consecuencias sobre el ecosistema plantónico
Entity: Universitat de Barcelona **Type of entity:** University
Student: Mercedes Masó Agustina
Date of reading: 1989



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:** Circumnavigation expedition Malaspina 2010: Global change and biodiversity exploration of the global ocean
Name principal investigator (PI, Co-PI....): Jordi Font (ICM in block 2); Dolors Blasco (ICM group); Carlos Duarte (coordinator)
Funding entity or bodies:
PN I+D+i Consolider-Ingenio, CSIC

Code according to the funding entity: CSD2008-00077
Start-End date: 15/12/2008 - 14/12/2014
Sub-project amount: 121.628 €
- 2** **Name of the project:** SMOS ocean salinity and soil moisture products. Improvements and applications demonstration. Part CSIC (MIDAS-6)
Name principal investigator (PI, Co-PI....): Jordi Font (coordinator)
Funding entity or bodies:
PN I+D+i

Code according to the funding entity: AYA2010-22062-C05-01
Start-End date: 01/01/2011 - 31/12/2013
Sub-project amount: 2.539.500 €
- 3** **Name of the project:** Phase E in SMOS-CP34 during 2010
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:
P. N. I+D+i

Code according to the funding entity: AYA2009-07390-E/AYA
Start-End date: 01/01/2010 - 31/03/2011
Total amount: 530.000 €
- 4** **Name of the project:** Products validation, data exploitation and expert centre for the SMOS mission. Part CSIC (MIDAS-5)
Name principal investigator (PI, Co-PI....): Jordi Font Ferré (coordinator)
Funding entity or bodies:
PN I+D+i

Code according to the funding entity: ESP2007-65667-C04-01
Start-End date: 01/10/2007 - 31/03/2011
Sub-project amount: 517.880 €
- 5** **Name of the project:** Phase E in SMOS-CP34 during 2009 and SMOSops preparation
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:



PN I+D+i

Code according to the funding entity: AYA2008-04488-E

Start-End date: 01/05/2009 - 31/10/2010

Total amount: 300.000 €

6 Name of the project: SMOS mission MIRAS radiometer calibration and ocean salinity and soil moisture maps generation. Part CSIC (MIDAS-4)

Name principal investigator (PI, Co-PI....): Jordi Font (coordinator)

Funding entity or bodies:

PN I+D+i

Code according to the funding entity: ESP2005-06823-C05-01

Start-End date: 31/12/2005 - 30/12/2008

Sub-project amount: 4.188.800 €

7 Name of the project: Marine Environment and Security for the European Area (MERSEA)

Name principal investigator (PI, Co-PI....): Jordi Font; Yves Desaubies (Ifremer, coordinator)

Funding entity or bodies:

6th FP European Union

Code according to the funding entity: AIP3-CT-2003-502885

Start-End date: 01/04/2004 - 30/09/2008

Sub-project amount: 123.946 €

8 Name of the project: Spanish contribution to the ESA's SMOS mission ground segment development during 2004-05 (MIDAS-3)

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

Funding entity or bodies:

PN I+D+i

Code according to the funding entity: ESP2004-00671

Start-End date: 13/12/2004 - 12/06/2006

Total amount: 1.159.800 €

9 Name of the project: Mediterranean ocean Forecasting System: Toward Environmental Predictions (MFSTEP)

Name principal investigator (PI, Co-PI....): Jordi Font (ICM); Joaquín Tintoré (CSIC group); Nadia Pinardi (U. Bologna, coordinator)

Funding entity or bodies:

5th FM European Union, PN I+D+i

Code according to the funding entity: EVK3-2001-00174

Start-End date: 01/03/2003 - 28/02/2006

Sub-project amount: 39.417 €

10 Name of the project: SMOS space mission data processing definition in the Villafranca del Castillo station (MIDAS-2)

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

Funding entity or bodies:

PN I+D+i

Code according to the funding entity: ESP2002-11604-E

Start-End date: 23/12/2003 - 22/12/2005

Total amount: 540.000 €



- 11 Name of the project:** Mediterranean network to Assess and upgrade Monitoring and forecasting Activity in the region
Name principal investigator (PI, Co-PI....): Jordi Font; Silvana Vallerga (IMC, coordinator)
Funding entity or bodies:
5th FP European Union, Thematic Network
Code according to the funding entity: EVR1-2001-00006
Start-End date: 01/01/2002 - 31/03/2005
Sub-project amount: 76.990 €
- 12 Name of the project:** Development of a real time in situ observing system in the North Atlantic ocean, by an array of Lagrangian profiling floats (GYROSCOPE)
Name principal investigator (PI, Co-PI....): Jordi Font; Yves Desaubies (Ifremer, coordinator)
Funding entity or bodies:
5th Framework Program European Union
Code according to the funding entity: EVK2-CT-2000-00087
Start-End date: 02/01/2001 - 01/01/2004
Sub-project amount: 27.050 €
- 13 Name of the project:** Microwave radiometric measurements and algorithms development for the SMOS mission (MIDAS)
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:
P. N. Investigación Espacial
Code according to the funding entity: ESP2001-4523-PE
Start-End date: 28/12/2001 - 27/12/2003
Total amount: 116.126 €
- 14 Name of the project:** GPS Radar Altimeter Calibration: Development of a system for precise geopositioning of the sea surface based on GPS buoys. Application to the determination of surface currents in the Northwestern Mediterranean (GRAC)
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:
Ministerio de Ciencia y Tecnología, FEDER funds EU
Code according to the funding entity: 2FD97-0588
Start-End date: 01/06/1999 - 31/12/2001
Total amount: 200.000 €
- 15 Name of the project:** Mass transfer and ecosystem response (MATER, Mediterranean Targeted Project - II)
Name principal investigator (PI, Co-PI....): Jordi Font; A. Monaco (U. Perpignan, coordinator)
Funding entity or bodies:
MAST 3 Program EU
Code according to the funding entity: MAS3-CT96-0051
Start-End date: 01/08/1996 - 31/07/1999
Sub-project amount: 320.000 €
- 16 Name of the project:** Observations and Modelling of Eddy scale Geostrophic and Ageostrophic circulation (OMEGA)
Name principal investigator (PI, Co-PI....): Jordi Font; J. Tintoré (UIB, coordinator)

**Funding entity or bodies:**

MAST Program European Union, CICYT

Code according to the funding entity: MAS3-CT95-0001 + CICYT (MAR97-1447-CE)**Start-End date:** 01/01/1996 - 01/01/1999**Sub-project amount:** 199.000 €

- 17 Name of the project:** Three-dimensional spatio-temporal variability in mesoscale instabilities: eddies, meanders and filaments

Name principal investigator (PI, Co-PI....): Jordi Font; J. Tintoré (UIB, coordinator)**Funding entity or bodies:**

P. N. Medio Ambiente y Recursos Naturales

Code according to the funding entity: AMB95-0901-C02-02**Start-End date:** 02/09/1995 - 01/09/1996**Sub-project amount:** 147.000 €

- 18 Name of the project:** Development of a Lagrangian technique adapted for large scale and mesoscale current observations in the Mediterranean sea (SOFARGOS.)

Name principal investigator (PI, Co-PI....): Jordi Font; J.C. Gascard (Univ. Paris VI, coordinator)**Funding entity or bodies:**

MAST Program EU

Code according to the funding entity: MAS2-CT92-0046**Start-End date:** 01/03/1993 - 31/12/1995**Sub-project amount:** 91.000 €

- 19 Name of the project:** Hydrodynamic modelisation of the Mediterranean western basin (EUROMODEL)

Name principal investigator (PI, Co-PI....): Jordi Font; P.M. Lehucher (CETIIS, coordinator)**Funding entity or bodies:**

MAST Program EU, CICYT

Code according to the funding entity: MAST-0043-C, MAS2-CT93-0066, AMB93 -1372-CE**Start-End date:** 01/08/1990 - 31/05/1995**Sub-project amount:** 347.430 €

- 20 Name of the project:** Upper ocean mesoscale variability

Name principal investigator (PI, Co-PI....): Jordi Font**Funding entity or bodies:**

CICYT P.N. Recursos Marinos y Acuicultura

Code according to the funding entity: MAR89-0550**Start-End date:** 15/11/1989 - 15/11/1992**Total amount:** 210.000 €

- 21 Name of the project:** Development of a radio location system. Radio transmitters to locate drifting buoys on the sea surface and transmit data

Name principal investigator (PI, Co-PI....): Jordi Font**Funding entity or bodies:**

PETRI-CICYT Program

Code according to the funding entity: PTR89-0086**Start-End date:** 1990 - 1991**Total amount:** 26.000 €



- 22** **Name of the project:** Frontogenesis, secondary circulation and spatial variability in a density front
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:
CAICYT, CSIC
Code according to the funding entity: PB86-0628
Start-End date: 17/11/1987 - 16/11/1990
Total amount: 158.000 €

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

- 1** **Name of the project:** SMOS Expert Laboratories (ESL) for the period 2014-2019 - ESL Ocean Salinity
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:
European Space Agency
Start date: 15/01/2015 **Duration:** 3 years
Total amount: 119.948 €
- 2** **Name of the project:** SMOS Expert Laboratories (ESL) for the period 2010-2014 - ESL Ocean Salinity
Funding entity or bodies:
European Space Agency
Start date: 18/05/2010 **Duration:** 4 years - 5 months - 13 days
Sub-project amount: 224.998 €
- 3** **Name of the project:** SMOS level 2 ocean salinity processor development and validation extension
Name principal investigator (PI, Co-PI....): Jordi Font; P. Spurgeon (Argans, coordinator)
Funding entity or bodies:
European Space Agency
Start date: 01/04/2008 **Duration:** 1 year - 6 months
Sub-project amount: 75.000 €
- 4** **Name of the project:** Scientific contributions to the SMOS Level 2 Sea Surface Salinity prototype processor development
Funding entity or bodies:
European Space Agency
Code according to the funding entity: 002-455/ACR/SC/01 from ESTEC Contract No. 18933/05/NL/FF + 2 extensions
Start date: 22/02/2005 **Duration:** 5 years - 1 month
Sub-project amount: 261.134 €
- 5** **Name of the project:** GRAC-II. Radar Altimeter-2 calibration with light GPS buoys
Name principal investigator (PI, Co-PI....): Jordi Font; A. Rius (IEEC, coordinator)
Funding entity or bodies:
European Space Agency
Code according to the funding entity: ESTEC Contract No. 15349/01/NL/SF
Start date: 2001 **Duration:** 4 years
Total amount: 424.343 € **Sub-project amount:** 226,64 €



- 6** **Name of the project:** WISE 2000. Wind and Salinity Experiment
Name principal investigator (PI, Co-PI....): Jordi Font; A. Camps (UPC, coordinator)
Funding entity or bodies:
 European Space Agency
Code according to the funding entity: ESTEC Contract No. 14188/00/NL/DC
Start date: 28/02/2000 **Duration:** 2 years - 2 months
Sub-project amount: 173.030 €

- 7** **Name of the project:** Automatic objects identification in SAR imagery
Name principal investigator (PI, Co-PI....): Jordi Font
Funding entity or bodies:
 Empresa Nacional de Electrónica y Sistemas S.A.
Start date: 1991 **Duration:** 2 years
Total amount: 180.000 €

Scientific and technological activities

Scientific production

H index: 32

Date of application: 01/10/2015

Publications, scientific and technical documents

- 1** L.R. Centurioni; V. Hormann; Y. Chao; G. Reverdin; J. Font; D.K. Lee. Sea surface salinity observations with Lagrangian drifters in the tropical North Atlantic during SPURS: Circulation, fluxes, and comparisons with remotely sensed salinity from Aquarius. *Oceanography*. 28 - 1, pp. 96 - 105. 2015.
Type of production: Scientific paper **Format:** Journal
- 2** G. Reverdin; S. Morisset; L. Marié; D. Bourras; G. Sutherland; B. Ward; J. Salvador; J. Font; Y. Cuyper; L.R. Centurioni; V. Hormann; N. Koldziejczyk; J. Boutin; F. D'Ovidio; F. Nencioli; N. Martin; D. Diverres; G. Alory; R. Lumpkin. Surface salinity in the North Atlantic subtropical gyre during the STRASSE/SPURS summer 2012 cruise. *Oceanography*. 28 - 1, pp. 114 - 123. 2015.
Type of production: Scientific paper
- 3** P.Y. Le Traon; D. Antoine; A. Bentamy; H. Bonekamp; L.A. Breivik; B. Chapron; G. Corlet; G. Dibarboure; P. DiGiacomo; C. Donlon; Y. Faugère; J. Font; F. Girard-Ardhuin; F. Gohin; J.A. Johannessen; M. Kamachi; G. Lagerloef; J. Lambin; G. Larnicol; P. Le Borgne; E. Leuliette; E. Lindstrom; M.J. Martin; E. Maturi; L. Miller; L. Mingsen; R. Morrow; N. Reul; M.H. Rio; H. Roquet; R. Santoleri; J. Wilkin. Use of satellite observations for operational oceanography: recent achievements and future prospects. *Journal of Operational Oceanography*. 8 - SP 1, pp. s12 - s27. 2015.
Type of production: Scientific paper **Format:** Journal
- 4** P. Drobinski; V. Ducrocq; P. Alpert; E. Anagnostou; K. Béranger; M. Borgia; I. Braud; A. Chanzy; S. Davolio; G. Delrieu; C. Estournel; N. Filali Boubrahmi; J. Font; V. Grubišić; S. Gualdi; V. Homar; B. Ivancan-Picek; C. Kottmeier; V. Kotroni; K. Lagouvardos; P. Lionello; M. C. Llasat; W. Ludwig; C. Lutoff; A. Mariotti; E. Richard; R. Romero; R. Rotunno; O. Roussot; I. Ruin; S. Somot; I. Taupier-Letage; J. Tintore; R. Uijlenhoet; H. Wernli. HyMeX:

A 10-Year Multidisciplinary Program on the Mediterranean Water Cycle. *Bulletin of the American Meteorological Society*. 95 - 7, pp. 1063 - 1082. 2014. Available on-line at: <<http://dx.doi.org/10.1175/BAMS-D-12-00242.1>>. ISSN 0003-0007

Type of production: Scientific paper

Format: Journal

- 5 M. Martín-Neira; D. M. LeVine; Y. Kerr; N. Skou; M. Peichl; A. Camps; I. Corbella; M. Hallikainen; J. Font; J. Wu; S. Mecklenburg; M. Drusch. Microwave interferometric radiometry in remote sensing: An invited historical review. *Radio Science*. 49, pp. 415 - 449. 2014. Available on-line at: <<http://dx.doi.org/10.1002/2013RS005230>>. ISSN 0048-6604

Type of production: Scientific paper

Format: Journal

- 6 P. Malanotte-Rizzoli; V. Artale; G. L. Borzelli-Eusebi; S. Brenner; A. Crise; M. Gacic; N. Kress; S. Marullo; M. Ribera d'Alcalà; S. Sofianos; T. Tanhua; A. Theocharis; M. Alvarez; Y. Ashkenazy; A. Bergamasco; V. Cardin; S. Carniel; G. Civitarese; F. D'Ortenzio; J. Font; E. Garcia-Ladona; J. M. Garcia-Lafuente; A. Gogou; M. Gregoire; D. Hainbucher; H. Kontoyannis; V. Kovacevic; E. Kraskapoulou; G. Kroskos; A. Incarbona; M. G. Mazzocchi; M. Orlic; E. Ozsoy; A. Pascual; P.-M. Poulain; W. Roether; A. Rubino; K. Schroeder; J. Siokou-Frangou; E. Souvermezoglou; M. Sprovieri; J. Tintoré; G. Triantafyllou. Physical forcing and physical/biochemical variability of the Mediterranean Sea: a review of unresolved issues and directions for future research. *Ocean Science*. 10, pp. 281 - 322. 2014. Available on-line at: <<http://dx.doi.org/10.5194/os-10-281-2014>>. ISSN 1812-0792

Type of production: Scientific paper

Format: Journal

- 7 J. Busecke; A.L. Gordon; Z.J. Li; F.M. Bingham; J. Font. Subtropical surface layer salinity budget and the role of mesoscale turbulence. *Journal of Geophysical Research*. 119 - 7, pp. 4124 - 4140. 2014.

Type of production: Scientific paper

Format: Journal

- 8 G. Reverdin; S. Morisset; J. Boutin; N. Martin; M. Sena-Martins; F. Gaillard; P. Blouch; J. Rolland; J. Font; J. Salvador; P. Fernández; D. Stammer. Validation of salinity data from surface drifters. *Journal of Atmospheric and Oceanic Technology*. 31 - 4, pp. 967 - 983. 2014.

Type of production: Scientific paper

Format: Journal

- 9 C. Gabarró; V. González-Gambau; I. Corbella; F. Torres; J. Martínez; M. Portabella; J. Font. Impact of the local oscillator calibration rate on the SMOS measurements and retrieved salinities. *IEEE Transactions on Geoscience and Remote Sensing*. 51 - 9, pp. 4633 - 4642. 2013.

Type of production: Scientific paper

Format: Journal

- 10 X. Durrieu de Madron; L. Houpert; P. Puig; A. Sanchez-Vidal; P. Testor; A. Bosse; C. Estournel; S. Somot; F. Bourrin; M. N. Bouin; M. Beauverger; L. Beguery; A. Calafat; M. Canals; C. Cassou; L. Coppola; D. Dausse; F. D'Ortenzio; J. Font; S. Heussner; S. Kunesch; D. Lefevre; H. Le Goff; J. Martín; L. Mortier; A. Palanques; P. Raimbault. Interaction of dense shelf water cascading and open-sea convection in the northwestern Mediterranean during winter 2012. *Geophysical Research Letters*. 40, pp. 1379 - 1385. 2013.

Type of production: Scientific paper

Format: Journal

- 11 K. Schroeder; C. Millot; L. Bengara; S. Ben Ismail; M. Bensi; M. Borghini; G. Budillon; V. Cardin; L. Coppola; C. Curttil; A. Drago; B. El Moumni; J. Font; J. L. Fuda; J. García-Lafuente; G. P. Gasparini; H. Kontoyiannis; D. Lefevre; P. Puig; P. Raimbault; G. Rougier; J. Salat; C. Sammari; J. C. Sánchez Garrido; A. Sanchez-Roman; S. Sparnocchia; C. Tamburini; I. Taupier-Letage; A. Theocharis; M. Vargas-Yáñez; A. Vetrano. Long-term monitoring programme of the hydrological variability in the Mediterranean Sea: a first overview of the HYDROCHANGES network. *Ocean Science*. 9, pp. 301 - 324. 2013.

Type of production: Scientific paper

Format: Journal

- 12 J. Font; J. Boutin.; N. Reul; P. Spurgeon; J. Ballabrera-Poy; A. Chuprin; C. Gabarró; J. Gurrion; S. Guimbard; C. Hénocq; S. Lavender; N. Martin; J. Martínez; M. McCulloch; I. Meirold-Mautner; C. Mugerin; F. Petitcolin; M. Portabella; R. Sabia; M. Talone; J. Tenerelli; A. Turiel; J.L. Vergely; P. Waldteufel; X. Yin; S. Zine; S. Delwart.



SMOS first data analysis for sea surface salinity determination. *International Journal of Remote Sensing*. 34 - 9-10, pp. 3654 - 3670. 2013.

Type of production: Scientific paper

Format: Journal

- 13** G. Reverdin; S. Morisset; D. Bourras; N. Martin; A. Lourenço; J. Boutin; C. Caudoux; J. Font; J. Salvador. Surpac: A SMOS surface wave rider for air-sea interaction. *Oceanography*. 26 - 1, pp. 48 - 57. 2013.

Type of production: Scientific paper

Format: Journal

- 14** J. Font; J. Ballabrera-Poy; A. Camps; I. Corbella; N. Duffo; I. Duran; M. Emelianov; L. Enrique; P. Fernández; C. Gabarró; C. González; V. González; J. Gourrion; S. Guimbard; N. Hoareau; A. Julià; S. Kalaroni; A. Konstantinidou; A. L. Aretxabaleta; J. Martínez; J. Miranda; A. Monerris; S. Montero; B. Mourre; M. Pablos; F. Pérez; M. Piles; M. Portabella; R. Sabia; J. Salvador; M. Talone; F. Torres; A. Turiel; M. Vall-Llossera; R. Villarino. A new space technology for ocean observation: the SMOS mission. *Scientia Marina*. 76 - S1, pp. 249 - 259. ICM-CSIC, 2012.

Type of production: Scientific paper

Format: Journal

- 15** J. L. Pelegrí; E. Álvarez-Fanjul; M. Espino; J. Font; G. Parrilla; A. Sánchez-Arcilla. Crucial times for Spanish physical oceanography. *Scientia Marina*. 76 - S1, pp. 11 - 28. ICM-CSIC, 2012.

Type of production: Scientific paper

Format: Journal

- 16** S. Mecklenburg; M. Drusch; Y. H. Kerr; J. Font; M. Martín-Neira; S. Delwart; G. Buenadicha; N. Reul; E. Daganzo-Eusebio; R. Oliva; R. Crapolicchio. ESA's Soil Moisture and Ocean Salinity mission: Mission performance and operations. *IEEE Transactions on Geoscience and Remote Sensing*. 50 - 5, pp. 1354 - 1366. 2012.

Type of production: Scientific paper

Format: Journal

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- 95** J. Font; A. Cruzado. Modelo de simulación del efecto de un vertido costero. *Investigación Pesquera*. 41 - 3, pp. 647 - 654. 1977.
Type of production: Scientific paper **Format:** Journal
- 96** V. C. Garçon; T. G. Bell; D. Wallace; S.R. Arnold; A. Baker; D.C.E. Bakker; H. W. Bange; N.R. Bates; L. Bopp; J. Boutin; P. W. Boyd; A. Bracher; J. P. Burrows; L. J. Carpenter; G. de Leeuw; K. Fennel; J. Font; T. Friedrich; C.S. Garbe; N. Gruber; L. Jaeglé; A. Lana; J. D. Lee; P. S. Liss; L. A. Miller; N. Olgun; A. Olsen; B. Pfeil; B. Quack; K. A. Read; N. Reul; C. Rödenbeck; S. S. Rohekar; A. Saiz-Lopez; E. S. Saltzman; O. Schneising; U. Schuster; R. Seferian; T. Steinhoff; P.-Y. Le Traon; F. Ziska. Perspectives and Integration in SOLAS Science. *Ocean-Atmosphere Interactions of Gases and Particles*. pp. 247 - 306. Springer Earth System Sciences, 2014. Available on-line at: <<http://dx.doi.org/10.1007/978-3-642-256>>. ISBN 978-3-642-25642-4
Type of production: Book chapter **Format:** Book
- 97** G.S.E. Lagerloef; J. Font. SMOS and Aquarius/SAC-D missions: The era of spaceborne salinity measurements is about to begin. V. Barale, J.F.R. Gower, L. Alberotanza Eds. *Oceanography from Space, revisited*. pp. 35 - 58. Springer Science +Business Media B.V., 2010. ISBN 978-90-481-8681-5
Type of production: Book chapter **Format:** Book
- 98** J. Font; A. Camps. SMOS: la medición de salinidad desde el espacio. C. García-Soto Ed. *Oceanografía y satélites*. pp. 387 - 408. Editorial Tébar, 2009. ISBN 978-84-736-0268-6
Type of production: Book chapter **Format:** Book
- 99** J. Font; A. Camps; J. Ballabrera. Microwave aperture synthesis radiometry: Setting the path for operational sea salinity measurement from space. V. Barale, M. Gade Eds. *Remote sensing of European seas*. pp. 223 - 238. Springer Verlag, 2008. ISBN 978-1-4020-6771-6
Type of production: Book chapter **Format:** Book
- 100** J. Ballabrera; R. Murtugudde; J. Font. Salinity. S.G. Philander Ed. *Encyclopedia of Global Warming and Climate Change*. Sage Publications, 2008. ISBN 978-14-129-5878-3
Type of production: Book chapter **Format:** Book



- 101** E.García-Ladona; J.Tintoré; J.M.Pinot; J.Font; M.Manríquez. Surface circulation and dynamics of the Balearic Sea, P.E.La Violette Ed.The Seasonal and Interannual Variability of the Western Mediterranean. American Geophysical Union, Coastal and Estuarine Studies. 46, pp. 73 - 91. 1994.
Type of production: Book chapter **Format:** Book
- 102** J.Font; J.Salat. The Balearic Basin. H. Charnock Ed.Winds and currents of the Mediterranean basin. Reports in Meteorology and Oceanography, Harvard Univ.40, pp. 225 - 240. 1992.
Type of production: Book chapter **Format:** Book
- 103** J. Salat; J. Font. Masses d'aigua i circulació. J. Flos Ed.L'Oceanografia. Introducció a l'ecologia marina mediterrània. Quaderns d'Ecologia Aplicada, Diputació de Barcelona. 8 - 1, pp. 61 - 98. 1985. ISBN 84-505-1422-3
Type of production: Book chapter **Format:** Book
- 104** J. Font. Sensores remotos y oceanografía.Introducción a las técnicas de teledetección y sus aplicaciones agronómicas, J. Melià Ed. ICE Univ. València / CAICYT. pp. 132 - 145. 1985.
Type of production: Book chapter **Format:** Book

Works submitted to national or international conferences

- 1** **Title of the work:** The SMOS level 2 ocean salinity algorithm. Principles and future trends
Name of the conference: 2nd SMOS Science Conference
City of event: Villanueva de la Cañada, Spain
Date of event: 25/05/2015
End date: 29/05/2015
- 2** **Title of the work:** Aquarius and SMOS sea surface salinity measurements: A review of initial results
Name of the conference: Coordination Group for Meteorological Satellites 43rd annual meeting
City of event: Boulder, United States of America
Date of event: 18/05/2015
End date: 22/05/2015
D. Halpern; J. Font; G. Lagerloef.
- 3** **Title of the work:** SMOS ocean salinity: recent improvements and applications
Name of the conference: XXXI Union Radio Science International General Assembly
City of event: Beijing, China
Date of event: 17/08/2014
End date: 23/08/2014
X. Yin; J. Boutin; J. Font; N. Reul; P. Spurgeon; J.L. Vergely; N. Martin.
- 4** **Title of the work:** SMOS: ocean salinity measured from space. What is achieved after four years of data acquisition?
Name of the conference: III Encuentro de la Oceanografía Física Española
Type of participation: Participatory - invited/keynote talk
City of event: Las Palmas de Gran Canaria, Spain
Date of event: 11/06/2014
End date: 13/06/2014
J. Font.
- 5** **Title of the work:** SMOS ocean salinity: an overview after 3 years in operation (presented by J. Boutin)
Name of the conference: URSI Commission F Triennial Open Symposium on Radiowave Propagation and Remote Sensing



Type of participation: Participatory - invited/keynote talk

City of event: Ottawa, Canada

Date of event: 30/04/2013

End date: 03/05/2013

J. Font; J. Boutin; N. Reul; P. Spurgeon; A. Chuprin; C. Gabarró; J. Gourrion; O. Hernandez; C. Hénocq; N. Martin; J. Martínez; J. Tenerelli; J.L. Vergely; X. Yin.

6 Title of the work: Status of the SMOS level 2 ocean salinity retrieval

Name of the conference: European Geosciences Union General Assembly 2012

Type of participation: Participatory - invited/keynote talk

City of event: Viena, Austria

Date of event: 22/04/2012

End date: 27/04/2012

J. Font; J. Boutin; N. Reul.

7 Title of the work: La missió espacial SMOS, una nova eina per a estudiar el cicle de l'aigua a la terra

Name of the conference: XVII Jornades Eduard Fontserè de l'Associació Catalana de Meteorologia

Type of participation: Participatory - invited/keynote talk

City of event: Barcelona, Spain

Date of event: 25/11/2011

End date: 27/11/2011

J. Font.

8 Title of the work: El proyecto SMOS: Primeros resultados

Name of the conference: XIV Congreso de la Asociación Española de Teledetección

Type of participation: Participatory - invited/keynote talk

City of event: Mieres, Spain

Date of event: 21/09/2011

End date: 23/09/2011

J. Font.

9 Title of the work: SMOS: objectives and approach for ocean salinity observations.(presented by J. Boutin)

Name of the conference: ESA Living Planet Symposium

Type of participation: Participatory - invited/keynote talk

City of event: Bergen, Norway

Date of event: 28/06/2010

End date: 02/07/2010

J. Font; J. Boutin; N. Reul; P. Spurgeon; J. Ballabrera; A. Chuprin; C. Gabarró; J. Gourrion; C. Hénocq; S. Lavender; N. Martin; J. Martínez; M. McCullch.; I. Meirold-Mautner; F. Petitcolin; M. Portabella; R. Sabia; M. Talone; J. Tenerelli; A.. Turiel; J.-L. Vergely; P. Waldteufel; X. Yin; S. Zine; S. Delwart (The SMOS L2 Ocean Salinity Team).

10 Title of the work: SMOS and Aquarius/SAC-D missions: The era of spaceborne salinity measurements is about to begin (keynote lecture, presented by J. Font)

Name of the conference: Oceans from Space 2010

Type of participation: Participatory - invited/keynote talk

City of event: Venezia, Italy

Date of event: 26/03/2010

End date: 30/03/2010

G. Lagerloef; J. Font.



- 11 Title of the work:** Retrieving sea surface salinity from SMOS measurements: first assessment
Name of the conference: 11th Specialist Meeting on Microwave Radiometry and Remote Sensing of the Environment
Type of participation: Participatory - invited/keynote talk
City of event: Washington D.C., United States of America
Date of event: 01/03/2010
End date: 04/03/2010
J. Font; J. Boutin; N. Reul; P. Spurgeon; A. Chuprin; C. Gabarró; J. Gourrion; C. Hénocq; S. Lavender; N. Martin; M. McCulloch; I. Meirold-Mautner; F. Petitcolin; M. Portabella; R. Sabia; M. Talone; J. Tenerelli; J.L. Vergely; X. Yin; S. Zine.
- 12 Title of the work:** SMOS: ESA's water mission (opening lecture)
Name of the conference: Third International Workshop on Marine Technology MARTECH'09
Type of participation: Participatory - invited/keynote talk
City of event: Vilanova i la Gertrú, Spain
Date of event: 19/11/2009
End date: 20/11/2009
J. Font.
- 13 Title of the work:** Soil Moisture and Ocean Salinity (SMOS): ESA's Water Mission
Name of the conference: 2nd EPS/Metop RAO Workshop
Type of participation: Participatory - invited/keynote talk
City of event: Barcelona, Spain
Date of event: 20/05/2009
End date: 22/05/2009
J. Font; Y. Kerr; A. Hahne; S. Mecklenburg.
- 14 Title of the work:** SMOS: ocean salinity retrieval
Name of the conference: 4th Aquarius/SAC-D Science Workshop
Type of participation: Participatory - invited/keynote talk
City of event: Puerto Madryn, Argentina
Date of event: 03/12/2008
End date: 05/12/2008
J. Font; the SMOS Ocean Salinity Team.
- 15 Title of the work:** The SMOS ocean salinity retrieval algorithm
Name of the conference: 10th Specialist Meeting on Microwave Radiometry and Remote Sensing for the Environment
Type of participation: Participatory - invited/keynote talk
City of event: Firenze, Italy
Date of event: 10/03/2008
End date: 14/03/2008
J. Font; J. Boutin; N. Reul; P. Waldteufel; C. Gabarró; S.Zine; J. Tenerelli; M. Talone; F. Petitcolin; J.L. Vergely; S. Delwart; I. Meirold-Mautner.
- 16 Title of the work:** Coherent vortices in the Mediterranean Sea
Name of the conference: 38th CIESM Congress
Type of participation: Participatory - invited/keynote talk
City of event: Istanbul, Turkey
Date of event: 09/04/2007
End date: 14/04/2007



J. Font; J. Isern-Fontanet; E. García-Ladona; A. García-Olivares; A. Turiel; V. Nieves.

- 17 Title of the work:** From the determination of sea emissivity to the retrieval of salinity: Recent contributions to the SMOS mission from UPC and ICM (presented by A. Camps)
Name of the conference: IEEE International Geosciences and Remote Sensing Symposium IGARSS2006
Type of participation: Participatory - invited/keynote talk
City of event: Boulder, United States of America
Date of event: 31/07/2006
End date: 01/08/2006
A. Camps; J. Font; M. Vall-Ilossera; R. Villarino; C. Gabarró; L. Enrique; J. Miranda; I. Corbella; N. Duffo; F. Torres; S. Blanch; A. Aguasca; R. Sabia.
- 18 Title of the work:** SMOS overview and mission status
Name of the conference: Aquarius-SAC/D Workshop
Type of participation: Participatory - invited/keynote talk
City of event: Woods Hole, United States of America
Date of event: 10/05/2006
End date: 12/05/2006
J. Font; Y. Kerr; A. Hahne.
- 19 Title of the work:** The determination of surface salinity with SMOS-Recent results and main issues
Name of the conference: IEEE International Geosciences and Remote Sensing Symposium IGARSS2003
Type of participation: Participatory - invited/keynote talk
City of event: Toulouse, France
Date of event: 21/07/2003
End date: 25/07/2003
J. Font; G. Lagerloef; D. Le Vine; A. Camps; O.Z. Zanife.
- 20 Title of the work:** The Soil Moisture and Ocean Salinity Mission (presented by Y. Kerr)
Name of the conference: EGS-AGU-AUG Joint Assembly
Type of participation: Participatory - invited/keynote talk
City of event: Nice, France
Date of event: 07/04/2003
End date: 11/04/2003
Y. Kerr; J. Font; P. Waldteufel; J.P. Wigneron; M. Berger.
- 21 Title of the work:** The ESA SMOS mission: An overview
Name of the conference: First Meeting Aquarius/SAC-D Science Team
Type of participation: Participatory - invited/keynote talk
City of event: Mar del Plata, Argentina
Date of event: 18/03/2003
End date: 20/03/2003
J. Font.
- 22 Title of the work:** Sea surface radiometric observations at L-band: wind speed sensitivity derived from WISE 2000 and 2001 (presented by A. Camps)
Name of the conference: 27th triennial General Assembly of the International Union of Radio Science
Type of participation: Participatory - invited/keynote talk
City of event: Maastricht, Holland
Date of event: 17/08/2002
End date: 24/08/2002



A.Camps; J.Font; J.Etcheto; V.Caselles; A.Weill; I.Corbella; M.Vall•llossera; F.Torres; N.Duffo; R.Villarino; L.Enrique; J.Miranda; J.Arenas; A.Julià; C.Gabarró; J.Boutin; S.Contardo; R.Niclós; R.Rivas; S.C.Reising; P.Wursteisen; M.Berger; M. Martín-Neira.

- 23** **Title of the work:** The Soil Moisture and Ocean Salinity mission (presented by Y. Kerr)
Name of the conference: European Geophysical Society XXVII General Assembly
Type of participation: Participatory - invited/keynote talk
City of event: Nice, France
Date of event: 21/04/2002
End date: 26/04/2002
Y.Kerr; J.P.Wigner; P.Waldteufel; M.Berger; J.Font.
- 24** **Title of the work:** Multidisciplinary data sets and modelling studies
Name of the conference: XXXV Congrès-Assemblée Plénière de la CIESM
Type of participation: Participatory - invited/keynote talk
City of event: Dubrovnik, Croatia
Date of event: 06/1998
J.Font.
- 25** **Title of the work:** Coastal management in the Mediterranean - Physical and dynamical processes
Name of the conference: IOC/UNESCO Workshop on the Science of the Mediterranean Sea and its Applications
Type of participation: Participatory - invited/keynote talk
City of event: Paris, France
Date of event: 07/1997
J.Font.
- 26** **Title of the work:** SAR imaging of Western Mediterranean circulation features
Name of the conference: Workshop on SAR Imaging of Ocean Features
Type of participation: Participatory - invited/keynote talk
City of event: Bergen, Norway
Date of event: 10/1993
J.Font; B.Shirasago.
- 27** **Title of the work:** Use of SAR and altimeter for W. Mediterranean fronts dynamics vJ.Font, T.D.Guymer, I.S.Robinson
Name of the conference: ESA MedERS Workshop
City of event: Frascati, Italy
Date of event: 03/1991
- 28** **Title of the work:** Frentes marinos e inestabilidades en el Mediterráneo
Name of the conference: Jornadas Internacionales de la Fundación Areces sobre Físico-Química de Fluidos
Type of participation: Participatory - invited/keynote talk
City of event: Madrid, Spain
Date of event: 10/1990
J.Font.
- 29** **Title of the work:** Frontal instabilities off the NE Spanish coast
Name of the conference: Western Mediterranean Circulation Experiment Symposium
Type of participation: Participatory - invited/keynote talk



City of event: Bay Saint Louis, United States of America
Date of event: 03/1988
J.Font; J.Tintoré; J.Salat; M.Masó; D.P.Wang; M.Vieira.

- 30** **Title of the work:** Balearic Western Mediterranean
Name of the conference: NATO Advanced Research Workshop on Atmospheric and Ocean Circulation in the Mediterranean Basin
Type of participation: Participatory - invited/keynote talk
City of event: Lerici, Italy
Date of event: 09/1983
J. Font.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** SMOS Quality Working Group
Affiliation entity: European Space Agency
Start-End date: 2010 - 2016
- 2** **Committee title:** Aquarius Science Team
Affiliation entity: NASA
Start-End date: 2001 - 2015
- 3** **Committee title:** Chair, Physics and Climate of the Ocean Committee
Affiliation entity: International Commission for the Scientific Exploration of the Mediterranean Sea
Start-End date: 2004 - 2010
- 4** **Committee title:** SMOS Science Advisory Group
Affiliation entity: European Space Agency
Start-End date: 2000 - 2010
- 5** **Committee title:** Satellite Panel, Technology Plan Working Group
Affiliation entity: EuroGOOS
Start-End date: 1999 - 2001
- 6** **Committee title:** CSIC representative, CIESM
Affiliation entity: International Commission for the Scientific Exploration of the Mediterranean Sea
Start-End date: 1990 - 1995
- 7** **Committee title:** Spanish Committee, SCOR (Scientific Committee on Oceanic Research)
Affiliation entity: International Council of Scientific Unions
Start-End date: 1988 - 1992



Organization of R&D activities

- Title of the activity:** 15 international conferences (EGU, IGARSS, AGU, CIESM, MicroRad)
Type of activity: Session convener
- Title of the activity:** 18 international and 12 Spanish symposia
Type of activity: Scientific Committee member
- Title of the activity:** 20 oceanographic cruises in the Mediterranean and North Atlantic
Type of activity: Chief scientist
- Title of the activity:** 3 special issues in SCI journals (IEEE TGRS, JGR-Oceans, Sci. Mar.)
Type of activity: Guest editor
- Title of the activity:** 5 international and 1 Spanish research symposia
Type of activity: Organizing Committee member
- Title of the activity:** 7 international research workshops
Type of activity: Meeting convener

R&D management

- Name of the activity:** Department of Physical and Technological Oceanography
Performed tasks: Head of Department
Entity: Instituto de Ciencias del Mar, CSIC
Start date: 15/04/2013
- Name of the activity:** HyMeX (Hydrological cycle in the Mediterranean eXperiment) program
Performed tasks: International Scientific Steering Committee member
Entity: European research community
Start date: 02/2008
Duration: 5 years - 4 months
- Name of the activity:** SMOS Barcelona Expert Centre on Radiometric Calibration and Ocean Salinity
Performed tasks: Chair, Executive Committee
Entity: CSIC / UPC
Start date: 07/2007
- Name of the activity:** ICM Physical Oceanography Consolidated Research Group
Performed tasks: Responsible Scientist
Entity: granted by AGAUR, Catalan Government
Start date: 10/2005
Duration: 8 years - 3 months
- Name of the activity:** Department of Marine Geology and Physical Oceanography
Performed tasks: Head of Department
Entity: Instituto de Ciencias del Mar, CSIC



Start date: 07/2005

Duration: 1 year - 5 months

6 Name of the activity: MERSEA Project Governing Board

Performed tasks: CSIC representative

Entity: 6th Framework Program European Union

Start date: 07/2004

Duration: 4 years - 2 months

7 Name of the activity: Mediterranean Operational Oceanography Network (MOON)

Performed tasks: Scientific Steering Group member

Entity: Consortium of European research centres

Start date: 02/2004

Duration: 9 years - 6 months

8 Name of the activity: Soil Moisture and Ocean Salinity (SMOS) mission

Performed tasks: Co-Lead Investigator

Entity: European Space Agency

Start date: 03/1999

9 Name of the activity: Associated European Laboratory on Marine Sciences

Performed tasks: Member of Governing Board

Entity: CNRS-CSIC

Start date: 1998

Duration: 3 years

10 Name of the activity: Institute Management

Performed tasks: Assistant Director

Entity: Instituto de Ciencias del Mar, CSIC

Start date: 03/1996

Duration: 5 years - 10 months

11 Name of the activity: Mediterranean Targeted Project

Performed tasks: MATER/MTP Steering Committee member

Entity: EU MAST Program

Start date: 1996

Duration: 3 years

12 Name of the activity: Programme de Recherches International en Méditerranée Occidentale (PRIMO)

Performed tasks: Steering Committee member

Entity: Intergovernmental Oceanographic Commission (UNESCO)

Start date: 1990

Duration: 4 years

13 Name of the activity: Spanish WOCE Steering Group

Performed tasks: Steering Group member

Entity: World Ocean Circulation Experiment

Start date: 1990

Duration: 4 years

14 Name of the activity: Western Mediterranean Circulation Experiment (WMCE)

Performed tasks: Steering Committee member

Entity: Consortium coordinated by NORDA (USA)

Start date: 1988

Duration: 2 years

15 Name of the activity: Oceanography Research Unit

Performed tasks: Head of Unit

Entity: Instituto de Ciencias del Mar, CSIC



Start date: 02/1987

Duration: 7 years

Evaluation and revision of R&D projects and articles

- 1 Name of the activity:** More than 70 selection, promotion and PhD committees
Performed tasks: Committee member (chair in 10 occasions)
Entity where activity was carried out: CSIC plus Spanish (8) and foreign (5) universities
- 2 Name of the activity:** Review of more than 160 research projects, grants and oceanographic cruises
Performed tasks: Evaluation of research proposals
Entity where activity was carried out: 4 Spanish agencies and 13 from other countries and international organizations
- 3 Name of the activity:** Scientific evaluation and management audit of research centres
Performed tasks: Member of evaluation committees
Entity where activity was carried out: Research bodies in Spain (1), France (4) and UK (1)
- 4 Name of the activity:** 5 Program experts commissions
Performed tasks: Panel member
Entity where activity was carried out: Spanish PN I+D+i
- 5 Name of the activity:** Peer review of more than 140 manuscripts
Performed tasks: Referee of research papers
Entity where activity was carried out: 25 SCI and 5 non-SCI journals

Other achievements

Scientific societies and professional associations

- 1 Name of the society:** IEEE Geosciences and Remote Sensing Society
Start date: 2009
- 2 Name of the society:** Alliance for Marine Remote Sensing
Start date: 1996
- 3 Name of the society:** Asociación Española de Teledetección
Start date: 1989
- 4 Name of the society:** American Geophysical Union
Start date: 1988
- 5 Name of the society:** European Geosciences Union
Start date: 1987



6 Name of the society: Societat Catalana de Física
Start date: 1978

Prizes, mentions and distinctions

- 1 Description:** ESA Award for Corporate Team Achievement
Awarding entity: European Space Agency
Conferral date: 06/2013
- 2 Description:** Cristòfol Juandó Award
Awarding entity: Ajuntament de Barcelona
Conferral date: 10/2011
- 3 Description:** Certificate of Recognition
Awarding entity: IEEE Geosciences and Remote Sensing Society
Conferral date: 07/2011
- 4 Description:** National Arts Award on Scientific Thought and Culture
Awarding entity: National Council of Arts and Culture, Catalan Government
Conferral date: 04/2011
- 5 Description:** Best poster award
Awarding entity: International Symposium En Route to GODAE
Conferral date: 06/2002

Periods of research activity

Nº of recognized periods: 5
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora

Summary of other achievements

- 1 Description of the achievement:** Author or co-author of 300 published papers, 90 in SCI journals. Only SCI papers and book chapters are listed in this CV
- 2 Description of the achievement:** Author or co-author of more than 400 communications to scientific symposia (90% international). Only invited presentations are listed in this CV
- 3 Description of the achievement:** More than 100 interviews and collaborations in social media
- 4 Description of the achievement:** Participation in 45 oceanographic cruises. More than 400 days at sea.



- 5 Description of the achievement:** Participation in 65 research projects and contracts. Only those having J. Font as project or sub-project PI and budget above 25.000 euros are listed in this CV
- 6 Description of the achievement:** The H index reported in this CV (32) has been manually computed from citation records in the Web of Knowledge. Automatic "Author citation overview" in WoK does not include all papers by J. Font. 3 missing papers in WoK overview are reported to have 197, 62 and 55 citations when searched under "Cited Reference Search"