CV membres del tribunal Convocatòria PDI26011

Convocatòria: 2026/D/LD/COPOEV/3
Plaça: DLRF8151 - Professorat Lector
Departament: Filologia Catalana
Àrea: Filologia catalana
Centre: Fac. Lletres
CCE: Professorat lector **Dedicació:** TC
Institució sanitària:
Titulació: Doctorat
Perfil: Literatura catalana del segle XIX

Maria Dasca és professora agregada a la Universitat Pompeu Fabra. La seva trajectòria investigadora, iniciada el 2001, s'ha centrat en la narrativa catalana contemporània. Alguns dels temes en què s'ha focalitzat la seva recerca són: 1) la representació de qüestions d'interès social (malaltia mental, immigració, ruralitat) en la literatura contemporània, 2) el paper de la traducció i dels traductors en les relacions interculturals, 3) el desenvolupament teòric del camp dels estudis catalans. El seu treball sobre el tractament de la malaltia mental en la literatura catalana (1868-1939) va ser guardonat amb el premi Manuel Milà i Fontanals d'història literària (IEC) el 2015, i es va publicar al llibre *Entenebrats. Literatura catalana i bogeria* (2016).

La seva trajectòria postdoctoral, desenvolupada a la Universitat Paris-Sorbonne (2008-2011), Brown University (2010, 2011-2012), Stanford University (2013), Harvard University (2015-2019) i la Universitat Pompeu Fabra (2012-2015 i des de 2019 fins a l'actualitat), té una base clarament interdisciplinària. En la seva recerca ha analitzat pràctiques textuals i culturals des d'un enfocament múltiple, tenint en compte no només el context en què aquestes es produeixen, sinó també l'adopció de bases teòriques provinents de la sociologia, la geografia i la crítica literària. La seva recerca ha estat finançada amb ajuts obtinguts en convocatòries competitives de la Generalitat de Catalunya (programa Beatriu de Pinós), el Consell Europeu de Recerca (programa Marie Curie), la Institució de les Lletres Catalanes i l'Institut d'Estudis Catalans.

Ha publicat més de 50 capítols de llibres acadèmics i articles científics en revistes indexades amb revisió per parells. També ha coeditat números monogràfics de revistes acadèmiques com *Europe: revue littéraire* (2013), *Anuari TRILCAT* (2013, 2016 i 2019), *Catalan Review* (2023), *Journal of Romance Studies* (2023), *Compàs d'amalgama* (2023), *Modern Language Notes* (2025) i *Bulletin of Hispanic Studies* (2025). Ha coeditat, amb Josep Camps i Arbós, els llibres *Francesc Serés. La pell de la realitat* (2024) i *La narrativa catalana del segle XXI, balanç crític* (2019) i, amb Rosa Cerarols, *Translation studies and ecology. Mapping the possibilities of an emerging field* (2024). La seva última publicació en volum, coeditada amb Enric Gallén i Maria Moreno, és *Amb la claror del verb. Josep M. Domingo, mestre i amic* (2025).

Carme Gregori Soldevila.
Catedràtica d'Universitat
Departament de Filologia Catalana
Universitat de València

Publicacions dels darrers cinc anys

- "*Unitats de xoc*, de Pere Calders: el testimoni de la guerra arran d'humanitat". *eHumanista*(19), 2021, pp. 164 - 175
-"Les Transformacions de la Ventafocs: de la rondalla al teatre per a infants de Folch i Torres i a 'Una altra Ventafocs', de Carles Soldevila" . En *La mirada retornada* . (pp. 159 - 178) . Publicacions de l'Abadia de Montserrat , 2021.
- "La Construcció del llegat intel·lectual de Josep Massot i Muntaner: la sèrie *Escriptors i erudits contemporanis* (1996-2013)" . En *El monjo, l'historiador i l'editor. Homenatge a Josep Massot i Muntaner* . (pp. 223 - 234) . Publicacions de l'Abadia de Montserrat, 2021 .
- "Hipertextualitats d'exili: les llegendes mexicanes de Josep Roure-Torent ". En *Llegenda i mite* . (pp. 113 - 126) . Reichenberger, 2021
- "Pere Calders" . En *Història de la literatura catalana*, vol VII: *Literatura contemporània* (III). *Del 1922 al 1959* . (pp. 625 - 638) . Enciclopèdia Catalana, 2021
- "La Construcció de l'escriptor: professionalització, reescriptura i actitud literària" . En *Una posteritat de paper. Simposi Internacional Joan Fuster* . (pp. 37 - 61) . PUV, 2022
- "Carme Riera, l'autotraducció com a oportunitat de reescriptura". *Quaderns. Revista de traducció*(30), pp. 41 - 56, 2023
-Francesco Ardolino; Carme Gregori Soldevila; Gonçal López-Pampló Rius; Pere Rosselló Bover. *Escriure és reescriure. Anàlisi i testimonis en la literatura actual* . Tirant Lo Blanch, 2023
-"Transformacions irròniques de la intriga en dos contes de Pere Calders i Jesús Moncada". *Quaderns de Filologia. Estudis literaris*(29), 2024, pp. 111 - 122
-Gregori Soldevila, Carme; Cano Mateu, J. Àngel. "Hypertextual writings in Catalan Literature (1939-1983)". *Interlitteraria*, 29(2), 2024, pp. 209 - 214
-"Ècfrasi lírica: la mirada i el silenci en les proses d'art de Jordi Sarsanedas" . En *En altres paraules. La intermedialitat en la literatura contemporània* . (pp. 89 - 104) . Reichenberger, 2024 .
- "L'Empremta intertextual en l'assaig de Joan Fuster ". En *Jornada Acadèmica 'La vigència de Joan Fuster'* . (pp. 53 - 62) . Institut d'Estudis Catalans, 2024.
-"Investigar les reescriptures: els projectes sobre hipertextualitats en la literatura catalana contemporània". *Estudis romànics*, 47, 2025, pp. 325 - 331 .
- "Ratllats de vermell i disminuïts de lletra. L'expurgació moral en la narrativa de Manuel de Pedrolo" . En *Contra els límits. Les reescriptures de la dictadura franquista* . (pp. 227 - 241) . PUV, 2025.
-"Del Conte a la novel·la: gènesi i transformació d'*Es vessa una sang fàcil,* de Manuel de Pedrolo". *Romance Quarterly*, 73/2, 2026.

FRANCESC MASSIP-BONET

Curriculum Vitae (abstract):

Doctor en Història de l'Art (1986) i Doctor en Filologia Catalana (1999), és catedràtic d'Història del Teatre al Departament de Filologia Catalana de la Universitat Rovira i Virgili (Tarragona). Ha estat coordinador del Grup de Recerca Consolidat LAiREM (Literatura, Art i Performance a la Llarga Edat Mitjana) entre 2009 i 2019 i co-coordinador de LAiREM & Nexus (2021 SGR 970).

Ha estat professor visitant a la Universidad Nacional Autónoma de México (UNAM) i al Centro Nacional de las Artes (Ciutat de Mèxic), a l'Istituto Nazionale di Studi sul Rinascimento de Florència i a l'Istituto di Musicologia e Arti dello Spettacolo (Università degli Studi di Parma).

Ha estat President de la *Société Internationale pour l'Étude du Théâtre Médiéval* (2004-2007), de la qual va ser coordinador de la Secció Hispànica (1986-1989; 1992-2000) i Secretari General (1989-1992) i en va organitzar el VIIè i l'XIè Col·loqui (Girona 1992 i Elx 2004).

Ha estat crític teatral al diari AVUI (1992-2012), al setmanari Canigó (1981-1983) i al digital Recomana.cat.

Ha publicat una trentena de llibres i més d'un centenar d'articles en revistes especialitzades i en les principals llengües d'Europa i Amèrica, especialment sobre el teatre i la dansa medievals, renaixentistes i barrocs, així com sobre aspectes vinculats al teatre popular i les tradicions folklòriques.

Ha participat amb ponències i comunicacions en més d'un centenar de congressos internacionals, i ha realitzat diverses representacions de tradició medieval i renaixentista.

Ha dirigit 12 tesis doctorals sobre drama medieval, teatre català i tradicions teatrals d'Europa i Amèrica Llatina.

Isabel Marcillas Piquer, professora contractada doctora / personal permanent laboral amb dos sexennis d'investigació reconeguts per l'ANECA, és especialista en Literatura Catalana Contemporània. Ha centrat pràcticament tota la seva tasca investigadora en la recuperació de les veus de les dones a través de la literatura. En aquest sentit, en una primera fase va estudiar l'obra d'Aurora Bertrana, a la qual va dedicar la seva tesi doctoral (realitzada mitjançant beca C-FPU-UA), atorgant una especial rellevància a la literatura derivada dels seus viatges i comparant-la amb altres viatgeres europees.

En l'actualitat investiga al voltant de la literatura dramàtica catalana contemporània d'autora i la memòria i la seva recuperació a partir de la producció literària de les dones. Compta amb una vuitantena de publicacions i ha presentat les seves investigacions també en nombrosos congressos, tant de l'àmbit nacional com internacional, entre els quals destaquen els promoguts per la North American Catalan Society (Temple University, University of Toronto, Indiana University, University of Chicago). Ha participat en diversos projectes d'investigació, entre els quals cal destacar Accions de Recuperació de la Memòria (Conselleria de Justícia de la Generalitat Valenciana JSRDUN/2016/2), Alacant i la Recuperació de la Memòria Democràtica, (Justícia/2018/01) i Història i poètiques de la memòria: la violència en la representació del franquisme (1977-2007) (GRE13-29).
En l'àmbit de la literatura autobiogràfica ha participat en els projectes El coneixement de l'altre: biografies i retrats en la literatura catalana del segle XX (FFI2011-26027) i Literatura autobiogràfica catalana: diaris i cànon (FFI2008-02573/TALL), finançat pel Ministeri d'Educació i Ciència en el Pla Nacional R+D+I.
Pel que fa als estudis memorialístics, ha format part de l'equip investigador del projecte "Patrimonialització de les memòries col·lectives, memòries multidireccionals i decolonialitat. Els desafiaments de la construcció identitària de la nova Europa (1989-2020) al prisma de les literatures migrants", concedit per la Conselleria d'Innovació, Ciència i Societat Digital de la Generalitat Valenciana, desenvolupat entre els anys 2022 i 2024.

Actualment, és part integrant de l'equip investigador del projecte "El nou teatre polític en les escenes catalana, valenciana i balear (2000-2023): memòria, realitat i gènere", PID2023- 146807NB-I00, finançat per MICIU/AEI/10.13039/50100011033 i per FEDER/UE. En aquest nou projecte, la investigadora conjumina els interessos relacionats amb els estudis teatrals i els de gènere.

A més, dirigeix el grup investigador Memòria, Identitat i Ficcions (MIF) i al grup de treball Història i Poètiques de la Memòria (HISPOME), tots dos desenvolupen la seva activitat en el si de la UA. Ha sigut convidada en diverses universitats europees, especialment en el marc de mobilitat internacional ERASMUS. Algunes de les seues publicacions més recents són: "Literatura dramàtica per a la preservació de la memòria en l'escena valenciana del segle XXI: el teatre de Mafalda Bellido" (2024), *Dramaturgues catalanes. Ètiques i estètiques* (Peter Lang, 2022), "Literatura dramàtica i memòria: La vida inventada de Godofredo Vila de Sònia Alejo" (2022), "Strategies for Comedy in Plays by Contemporary Catalan Women" (2022) o "Memòria, educació i patrimoni a la ciutat d'Alacant. Una proposta didàctica" (2021).

Magí Sunyer és catedràtic de literatura catalana de la Universitat Rovira i Virgili. Ha estudiat l'obra d'escriptors dels segles XIX i XX. En els últims anys, s'ha centrat en l'estudi de la mitologia i la simbologia nacionals i republicanes. Ha publicat llibres com *Els marginats socials en la literatura del Grup Modernista de Reus*, *Modernistes i contemporanis*, *Els mites nacionals catalans*, *La Ciutat Nova*, *Mites per a una nació*, *Els mites de la república, Primera lliçó sobre el romanticisme* i *El clixé i el batec* i una bona quantitat d'articles. És Investigador Principal del projecte d'investigació Écdosis, finançat pel Ministerio de Ciencia, Innovación y Universidades. És autor de dos reculls de contes, quatre novel·les, dues obres de teatre i uns quants llibres de poesia publicats.

Rafael Roca és professor titular del Departament de Filologia Catalana de la Universitat de València, on imparteix classes de literatura contemporània. A més, és secretari de l'Institut Interuniversitari de Filologia Valenciana (IIFV), membre numerari de l'Institut d'Estudis Catalans (IEC, Secció Històrico-Arqueològica), acadèmic corresponent a València de la Reial Acadèmia de Bones Lletres de Barcelona (RABLB), membre de la junta de govern de l'Associació Internacional de Llengua i Literatura Catalanes (AILLC) i membre de la Societat Verdaguer d'estudis literaris (SV) i de l'Institut Superior d'Investigacions Científiques-IVITRA. Durant el període 2012-2024 exercí com a secretari de la Facultat de Filologia, Traducció i Comunicació de la Universitat de València.

Historiador de la literatura, ha centrat l'interès de les seues investigacions en l'estudi dels escriptors i les institucions culturals que protagonitzaren la segona meitat del segle XIX i el primer terç del XX. Al respecte, ha participat en multitud de simposis i congressos, ha realitzat diverses estades docents internacionals i ha publicat estudis en revistes com ara *Caplletra*, *Llengua & Literatura*, *Randa*, *Afers*, *Anuari Verdaguer*, *eHumanista/IVITRA*, *Scripta* i *Revista Valenciana de Filologia*. Entre els seus llibres, cal destacar: *Escrits polítics (1866-1908)* de Teodor Llorente (2001), *Teodor Llorente, el darrer patriarca* (2004), *Poesies valencianes* de Constantí Llombart (2006), *Teodor Llorente, líder de la Renaixença valenciana* (2007) –premi Ferran Soldevila de Biografies i Investigacions Històriques (2006)–, *Teodor Llorente i la Renaixença valenciana* (2007), *La Renaixença i la Ruta del Cister* (2008), *Lo foc sagrat de la fe. Antologia de poesia religiosa* de Teodor Llorente (2010), *El valencianisme de la Renaixença* (2011) –premi d'assaig Mancomunitat de la Ribera Alta (2010)–, *La Renaixença valenciana i el redescobriment del país. El Centre Excursionista de Lo Rat Penat (1880-1911)* (2011), l'edició crítica de l'*Obra Valenciana Completa* de Teodor Llorente (2013), *Poesies i proses valencianes* de Teodor Llorente (2016), *El sol de nostra glòria. La germanor cultural valencianocatalana a través d'un epistolari inèdit de Teodor Llorente (1865-1910)* (2018) –premi d'assaig i investigació Francesc Martínez i Martínez de l'Ajuntament d'Altea (2018)–, *Memorias de un viaje a Italia*, d'Eduard López-Chavarri (2019), *Viatge a Escandinàvia (1911)*, de Josep Sanchis Sivera (2021), *Escrits valencians* de Rafael Ferrer i Bigné (2023) i l'*Antologia poètica* de Teodor Llorente (2025) editada per Barcino en la col·lecció «Imprescindibles».

Així mateix, és autor del dietari *Proejant el temps* (2022), director de la *Revista Valenciana de Filologia* i col·labora habitualment en diferents mitjans de comunicació escrita, entre els quals es troben les revistes *Saó* i *Frontissa* i el diari *Levante-EMV*.

CV membres del tribunal Convocatòria PDI26011

Convocatòria: 2026/D/LD/COPOEV/3
Plaça: DLRF8156 - Professorat Lector
Departament: Història i Història de l'Art
Àrea: Arqueologia
Centre: Fac. Lletres
CCE: Professorat lector **Dedicació:** TC
Institució sanitària:
Titulació: Doctorat
Perfil: Arqueologia de l'arquitectura

Miguel Angel De la Iglesia Santamaría

Catedrático de Proyectos arquitectónicos en la Universidad de Valladolid. Director del Departamento de Teoría de la Arquitectura y Proyectos Arquitectónicos de la Universidad de Valladolid, desde enero de 2019 hasta abril de 2023. Imparte lecciones de forma regular en las Universidades de Roma Tre, Oporto, Politecnico di Bari y Politecnico di Milano. Miembro del grupo de Investigación (GIR), Laboratorio para la Investigación e Intervención el Paisaje Arquitectónico, Patrimonial y Cultura, seleccionado en la XI Bienal Española de Arquitectura y Urbanismo, 2011 y finalista en la de 2020. Mención especial Piranesi de la Academia Adrianea de Roma: Prix de Rome 2014. 1er Premio a la investigación por La Red internacional Patrimonio Histórico Cultural Iberoamericano 2016. Reconocimiento científico Prix de Rome 2018. Miembro fundador del Grupo ICADA (International Center for Architectural Design and Archaeology) con sede en Roma. Codirector del Yacimiento Arqueológico de Clunia en Burgos (Diputación Provincial) desde 1995. Desde 2006, responsable de "Tiermes, Laboratorio Cultural". Desarrollando los trabajos de investigación y el conjunto de intervenciones arquitectónicas.

Eva Subías Pascual

Catedrática de Arqueologia, URV. Doctora en Història per la Universitat de Barcelona, especialitat Prehistòria, història antiga i arqueologia, des de l'any 1991. Becaria de recerca a l'estranger, participant en projectes d'excavació a l'àrea italiana amb contractes destacats de reincorporació d'investigadors, consolidant-se com a professora agregada de la URV i portant endavant una línia de recerca centrada en l'art i l'arquitectura del món grecoromà oriental. Aportacions científiques centrades en els programes arquitectònics i decoratius d'edificis del període romà de la Península ibèrica, d'Itàlia i de l'Egipte grecoromà i bizantí. Les seves principals línies de recerca es centren, per tant, en anàlisis tipològiques i tècniques de la arquitectura, en l'estudi formal de les ciutats antigues i en la interpretació iconogràfica dels programes decoratius associats. Ha format part de la Missió catalana d'excavacions a Oxirrinc (Egipte), des de 1992 fins 2010, on va ser responsable de l'estudi de les fases grecoromana i bizantina. Investigadora dels jaciments visigòtics a la ciutat de Roses (alt Empordà).

Carlos Marquez Moreno

Catedrático de Arqueologia, Universidad de Cordoba. Líneas de investigación: Arquitectura romana, escultura romana, patrimonio arqueológico. Dirección de excavaciones arqueológicas en Torreparedones, Ategua y Córdoba romana.

Publicaciones destacables: C. Márquez, La decoración arquitectónica de Villa Adriana (Material selecto de los almacenes), Córdoba 2019; C. Márquez, J. Beltrán, Homenaje a Pilar León: scripta minora, Córdoba 2019; C. Courault, C. Márquez, Quantitative studies and production cost of roman public construction, Córdoba 2020; C. Márquez, “El Foro de la Colonia Ituci Virtus Iulia (Baena”, Córdoba), in: A. W. Busch - J. Griesbach - J. Lipps (Hrsg.), Urbanitas - urbane Qualitäten. Kolloquium München 2012, Römisch Germanisch Zentral Museum Tagungen 33 (Mainz 2017), 217-230; C. Márquez, “El desarrollo urbano y monumental” en J. F. Rodríguez Neila (Edit.), La ciudad y sus legados históricos. Córdoba romana, Córdoba 2017, 207-248; C. Márquez, Novedades en la decoración arquitectónica en la Bética: dieci anni dopo” en Decor. Decorazione e Architettura nel Mondo Romano, Thiasos Monografie 9, 2017, 269-280; C. Márquez, “Villa Adriana como excepción” en M.

S. Vinci, A. Ottati, D. Gorostidi (eds),La cava e il Monumento. Materiali, officine, sistema de costruzione e produzione nei cantieri edilizi di età imperiale, Roma 2020, 149-162; C. Márquez, M. Gasparini, "Escultura de emperador sedente en colonia Patricia", Archivo Español de Arqueología 93, 2020, 173-182; Carlos Márquez, J. A. Morena, "DIVUS AUGUSTUS PATER. Estudio tipológico, iconográfico y estilístico de una estatua sedente hallada en Torreparedones (Baena, Córdoba)" Madrider Mitteilungen 58,2017, 267-320.

Fabiola Salcedo Garcés

Profesora Titular de Arqueología en la Facultad de Geografía e Historia de la Universidad Complutense de Madrid, donde inició su tarea docente en 2001. Especializada en Iconografía Clásica. En 1991 se trasladó a Roma para realizar su Tesis Doctoral sobre la provincia romana de África, en la Escuela Española de Historia y Arqueología en Roma (EEHA, CSIC). Ha sido investigadora contratada en esta institución hasta 1999, período en el que comenzó a trabajar en el proyecto Tusculum, desarrollado en la EEHA. También ha trabajado en Pompeya, en el proyecto de la «Casa de la Diana Arcaizante», dirigido por José María Luzón. Además de en Italia, ha estado vinculada a diversos centros de investigación en Alemania, Francia, Rusia, EEUU y Túnez. Desde hace más de una década dirige varios proyectos de investigación competitivos dedicados al norte de África en época romana. Desde el 2018 es directora del grupo de investigación "Arqueología Africana" (UCM). Codirige – junto al INP (Túnez) la Misión arqueológica hispano-tunecina que excava los segundos complejos oleícolas más importantes del Imperio romano. Es directora del Proyecto de Innovación Docente MUSIVAR (Museo Iconográfico Virtual del África Romana).

Jose Ignacio Fiz Fernandez

Profesor agregado Serra Hunter y actual director del departamento de Història e Història de l´Art de la Universitat Rovira i Virgili (URV) desde 2014 e Investigador (R4) del Instituto Catalan de Arqueología Clásica (ICAC) desde 2008. Ingeniero informático y doctor en Arqueología, es experto en tecnologías de la información aplicadas a las Humanidades. Actualmente profesor del Máster de Arqueología clásica, de los Grados de Historia y Arqueología e Historia del Arte y del Máster en Investigación Avanzada en Estudios Humanisticos impartiendo las asignaturas relacionadas con las Humanidades Digitales. Líneas de investigación: Aplicación de los SIG en la gestión de datos del Patrimonio Arqueológico en medios urbanos (= diseño de SIAU), Sistemas de Información Arqueológica en medios urbanos. Aplicación de los SIG a la Arqueología en el Paisaje. Modelos para la simulación de redes de comunicación viaria en época antigua. Diseño e implementación de Web Pages aplicadas a la divulgación cientifica. Remote sensing aplicado a la arqueología

Maria Gloria Mora Rodriguez

Profesora Contratada Doctora, Área de Historia Antigua, Universidad Autónoma de Madrid. Miembro de los grupos de investigación "Helade, Grecia: sociedades, territorios y estructuras políticas en la Antigüedad" y "Patrimonialización de los Legados Documentales y Fotográficos en la Arqueología Española". Coordinadora del Máster en Historia y Ciencias de la Antigüedad. Docente de Historia de la Grecia Antigua, Historia de

Roma, Historia del Mundo Antiguo-Introduccion al mundo clásico, Legado y Redescubrimiento de la Antigüedad, Tendencias Historiográficas.

CV membres del tribunal Convocatòria PDI26011

Convocatòria: 2026/D/LD/COPOEV/3
Plaça: DLRF7253 - Professorat Lector
Departament: Economia
Àrea: Economia Aplicada
Centre: Facultat d'Economia i Empresa
CCE: Professorat lector **Dedicació:** TC
Institució sanitària:
Titulació: Doctorat
Perfil: Economia aplicada.

ENRIQUE LÓPEZ-BAZO

Universitat de Barcelona- AQR-IREA. Dpt. of Econometrics, Statistics and Applied Economics
elopez@ub.edu

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CURRENT POSITION Full professor, UB

FIELDS Regional and Urban Economics, Spatial Economics, Labour Market, Economic Growth, Economic Geography

CURRENT TEACHING

Regional and Urban Economics (Official Master's Degree) - Economics - University of Barcelona.
Econometrics II (Official Master's Degree) - Economics - University of Barcelona.
Econometrics II (Bachelor's Degree) - Economics (1) - University of Barcelona

MAIN PUBLICATIONS

Spatial and Spatio-temporal Epidemiology. In press, Applied Economic Analysis, JCMS: Journal of Common Market Studies, The Annals of Regional Science, Papers in Regional Science, Journal of Regional Research, Telecommunications Policy.

RESEARCH PROJECTS

Cities and Sustainable Globalization: Inputs and Outputs of Urbanisation. Spanish Ministry of Science and Innovation,
The spread of COVID-19 and effects on the Spanish Economy. A regional analysis. AGAUR–Generalitat de Catalunya,
Perception and Evaluation of Regional and Cohesion policies by Europeans and Identification with the Values of Europe

OTHER PROFESSIONAL ACTIVITIES

Senior Scientist, Grant Holder 40 at JRC-IPTS, European Commission. Knowledge for Growth Unit,Regional Modelling Action. 2010- 2012
Elected member of the Director's Board of the Spanish Free Economics Association – ALdE. 2010-2014
Elected member of the EOC-ERSA. 2003-2007
Member of the European Regional Science Association, ERSA (http://www.ersa.org)
Member of the Reference Network in Applied Economics (XREAP) (http://www.pcb.ub.es/xreap)
Jury member of the European Prize in Regional Science
Member of the editorial board of Spatial Economic Analysis, ecos de Economia.
Referee for international journals, including Journal of Economic Geography, Regional Science and Urban Economics, Journal of Regional Science, Papers in Regional Science, European Economic Review, Industrial and Corporate Change, Agricultural Economics, Economic Geography, Regional Studies, Spatial Economic Analysis, Empirical Economics, International Regional Science Review, Growth and Change, Economics Bulletin, China Economic Review, Annals of Regional Science.

MARIA LLOP-LLOP

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maria.llop@urv.cat

CURRENT POSITION Full professor, URV, since 2018

FIELDS Environmental Economics, Energy Economics, Computable General Equilibrium, Public Economics

PREVIOUS POSITION
2008-2018- Associate Professor (TU) of Economic Theory / URV
1995-2008 Associate Professor (TEU) of Economic Theory / URV
1993-1995 - Part-time Professor of Economic Theory / URV

SUMMARY

I started my academic studies at the University of Barcelona (Bachelor in Economics and Business Sciences, 1993). In 2001, I obtained the PhD in Economics (Rovira i Virgili University),with the thesis 'A general equilibrium analysis of the Catalan economy' supervised by Dr. Antonio Manresa (University of Barcelona) that received the Extraordinary Doctorate Award. In 2012, I acquired the Spanish accreditation to become Full Professor (ANECA). At the Department of Economics of the URV, I have occupied the following categories: Part-time Professor (1993-1995), Professor 'Titular de Escuela Universitaria' (1995-2008), Associate Professor (2008-2018) and Full Professor (2018-present). My research activity has received 4 six-year terms recognition (last awarded in 2023).

I have published 37 articles in JCR journals (18 Q1, 17 Q2), 19 articles in other national and international journals, 3 books, 13 book chapters and 1 edited e-book. My stays in foreign research centres (Economic and Social Research Institute – Ireland: 2011, 2012; Dublin Institute of Technology – Ireland: 2013; Environmental Research Institute of the University College of Cork – Ireland: 2017, 2018) resulted in fruitful collaborations with international research groups.

My participation in competitive research projects started in 1998 (funded by the Generalitat de Catalunya) and 2001 (funded by the Spanish National Plan), from 2010 as Principal Investigator. I have been reviewer for the European Commission (H2020 Programme and Horizon Europe), the Agencia Estatal de Investigación (National Plan R+D+i) and the Agència Catalana AQU, as well as referee for many international and national journals.

I have participated in 35 conferences, organized by associations such as Ecomod, Regional Science Association, or the Western Economic Association.

I have directed 4 doctoral theses defended to date, and I am currently supervising 2 thesis. I have directed 8 projects of technology transfer resulting from agreements with public and private institutions, and I have been in the team of another 12 transfer projects.

I have occupied the following management positions: Secretary of the Department of Economics at URV (2003-2006), Director of the Research Centre in Industrial and Public Economics-CREIP at URV (2010-2013), Director of the Chair of Energy and Development at URV (2014-2017), Principal Investigator of the Research Group 'Quantitative, Urban and Regional

Economics QURE' at the URV (2015-2023) and of the Research Group 'Economic Challenges for the Next Generation ECO-NEXT' (from 2023), and Director of the Department of Economics of the Universitat Rovira i Virgili (from 2022).

LIBERTAD GONZÁLEZ

Universitat Pompeu Fabra (Dept. of Economics and Business) and Barcelona School of Economics
libertad.gonzalez@upf.edu
https://libertadgonzalez.com/

CURRENT POSITION Full professor, UPF since April 2024..

FIELDS Labor Economics, Public Economics, Health Economics, Family Economics, Population Economics.

RESEARCH IMPACT Web of Science (ResearcherID): 26 published articles, 821 citations, h-index 16. Google Scholar: 3,402 citations, h-index 24. RePEc: Ranked in the top 5% of all authors (last 10 years)).

PROFESSIONAL AFFILIATIONS:
ESADE Policy Impact Lab, since 2020. CESifo Research Network, research fellow since 2019. Barcelona School of Economics, affiliated professor since 2006. Institute for the Study of Labor (IZA), Bonn,research fellow since 2005. Center for Research and Analysis of Migration (CreAM), research fellow since 2007.

MAIN PUBLICATIONS
Journal of Human Resources, Journal of Health Economics, Review of Income and Wealth , *PNAS, Fiscal Studies, Health Economics* , *Journal of Economic Behavior & Organization* , *Economics and Human Biology*

CURRENT TEACHING
Gender and Economics (undergrad), UPF, 2020-24. Topics in Applied Economics (graduate), UPF, 2016-22. Labor Economics Summer School, Barcelona GSE, 2016-23.

GRANTS AND AWARDS
ClosinGap prize on "Professional career linked to the generation of economic knowledge inequal opportunities" (2024).
ERC Consolidator Grant ("The Causal Effect of Early Interventions on Child Health and Human Capital"), 2018-2024.
ICREA Acadèmia award, 2015-19 and 2020-24.
Social Research La Caixa Foundation ("Flexible work arrangements and gender inequality in the labor market"), 2022 (PI: Lídia Farré).
Estimating the cost of child poverty in Spain (La Caixa Foundation and Alto Comisionado para la Pobreza Infantil), 2021 (PI).

EDITORIAL WORK
Guest Editor, Labour Economics (special EALE conference issue), 2023.
Co-Editor, Journal of Demographic Economics, since 2021.
Associate Editor, Revista de Economía Aplicada, 2015-16

ALEJANDRO ESTELLER

Universitat de Barcelona - Departament d'Economia - IEB
aesteller@ub.edu
https://sites.google.com/view/aestellermore/

CURRENT POSITIONS

Full professor. Director of the research program on Tax Systems Analysis (2014--)
Researcher (2000-
Member of the Council of Government (since April 2000) Universitat Oberta de Catalunya (Open University) Adjunct professor (July 1998--) EAE Business School (UPC) Adjunct professor (October 2010--)

MAIN JOURNALS

Hacienda Pública Española/Review of Public Economics Associate Editor (April 2012—May 2021) Co-Editor (joint with Joel Slemrod) of a 2021 Special Issue on "Real Consequences of Tax Administration and Enforcement" Member of the Editorial Board (June 2021--) Investigaciones Regionales – Journal of Regional Research Associate Editor (January 2021--) Research Network in Financiación autonómica y Descentralización financiera in Spain (RIFDE) Researcher (October 2013--)

CURRENT TEACHING

Universitat de Barcelona (1997--) Faculty of Economics: Public Finance, Spanish Taxation (current coordinator), Topics in Public Economics, Fiscal Federalism, Regional and Local Finance, Economics of Taxation (Master and PhD level)

RESEARCH INTEREST Public Economics, Fiscal Federalism

RESEARCH EXPERIENCE last five years (includes Funded Research Projects)

Co-conductor, joint with JM Durán-Cabré, of a "Survey of tax professionals' opinions and attitudes towards the Spanish Tax System", National Association of Economists and Tax Advisors (REAF), Madrid. Ed.: 2020-2023.

PI of the Project "Cálculo y análisis del impacto de reformas tributarias en España", Fundación OXFAM Intermón, with JM Durán, 2019.

"Mobility and avoidance in modern tax systems", with U. Galmarini, IEF, Madrid. 2020-2021

"Tax Systems and Inequality", Fundación Bancaria "laCaixa" 2020-21.

Member of the advisory committee, joint with J.M. Durán, to apply the 2017 IEB methodology to calculate, in this case, the 2018 Tax Gap in Catalonia, *Catalonian Tax Agency*. 2020- 2021.

PI of a commissioned project by the *Government of Andorra* to set up a methodology and calculate the "Tax Gap" of the country. 2021-24.

Member of a Commissioned project by the *Consejo General de Economistas de España* to write a Chapter on "Environmental Taxation". 2021.

Member of the research project ("Retos Call"): "Social Policies and Fiscal Policies in Pandemic Times" (PID2021-126652NB-I00), Spanish Ministry of Science, Innovation and Universities, PI: Judit Castelló-Vall. 2022-24.

Member of a Commissioned project by the *Col·legi d'Economistes de Catalunya* on "The analysis of positive tax discrimination for regions located in high mountain areas". Period: 2022-2023.

Member of a Commissioned project by the *City Council of Barcelona*: “Technical Report of the proposed Fee on Postal Operators (*Taxa Amazon*): Calculation of the tax base”. 2022-2023.
“Personal Income Tax Calculator”, *Consejo General de Economistas de España*, with JM Durán, 2023.
“Fiscal Simulator: Taxes and Public Expenditure” Fundación OXFAM Intermón, with JM. Durán 2023-24

CAROLINA MANZANO

UNIVERSITAT ROVIRA I VIRGILI- DEPARTAMENT D'ECONOMIA
Open Researcher and Contributor ID (ORCID) 0000-0001-7160-0562
carolina.manzano@urv.cat

CURRENT POSITION Associate professor, URV, since 2002

FIELDS Financial Economics, Information Economics, Fiscal and Monetary Policies

PREVIOUS POSITION
25/09/2000-08/11/2002- Interim Associate Professor (TU) / URV
01/10/1999 -24/09/2000 Second-Cycle Assistant Lecturer/ URV
01/10/1996-30/09/1999 Visiting Lecturer/Universidad Carlos III de Madrid
15/09/1995-15/09/1996 Assistant Lecturer/Universitat Autònoma de Barcelona/
01/09/1991-31/08/1995 – Research Assistant (Felow) /Universitat Autònoma de Barcelona/

SUMMARY

My research activity focuses on three areas of Economic Analysis: General Equilibrium Theory, Financial Markets Theory, and Fiscal and Monetary Policy Theory. Regarding General Equilibrium Theory, I have made two notable contributions: my Master's thesis and Chapter 3 of my doctoral dissertation, which was published in the Journal of Mathematical Economics. In the field of Financial Markets Theory, I have produced a total of 11 articles, 10 of which have been published in journals indexed in Scopus and JCR. These publications include leading journals in Finance, such as The Journal of Finance, Journal of Financial Intermediation, and Journal of Financial Markets, as well as journals in Economic Theory, such as Theoretical Economics, Journal of Economic Theory, and Journal of Mathematical Economics. As for Fiscal and Monetary Policy Theory, I have co-supervised a doctoral dissertation and published 10 articles, all of them in journals indexed in Scopus and/or JCR, including Contemporary Economic Policy, International Journal of Central Banking, and Journal of Macroeconomics. Since 2009, I have been the Principal Investigator of the Grup de Recerca en Organització i Decisió Econòmiques (GRODE), the Economic Theory research group at the Rovira i Virgili University (URV), which was recognized as a consolidated research group by AQU in 2014 and 2017. Currently, GRODE has merged with another research group, resulting in ECO-NEXT, which has also been recognized as a consolidated research group by AQU.

Finally, regarding awards and recognitions, I would like to highlight the following:

1. I have been awarded four research evaluation periods (sexenios) by ANECA and three by AQU.
2. I have obtained six teaching evaluation periods (quinquenios).
3. I received the Advanced Research Accreditation (AQU) in 2014 and the ANECA Full Professor Accreditation in2025.
4. I was awarded the "Research Development Award", granted by the Department of Economics and Economic History of the UAB and the Institute for Economic Analysis (CSIC), for the best research work in the International Doctorate in Economic Analysis during the 1992–1993 academic year.
5. I received the X Finance Forum Award, granted by the Spanish Finance Association for the best paper presented at that conference.

ALBERT BANAL-ESTAÑOL

Universitat Pompeu Fabra- Departament d'Economia
http://albertbanalestanol.com
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CURRENT POSITION

Albert is Professor Associate Professor at Universitat Pompeu Fabra (UPF), Affiliated Professor at City University of London, affiliated Professor at the Barcelona School of Economics (BSE), Visiting Professor of the College of Europe in Brugge/Bruges (Belgium), and research fellow at the IESE Business School and at the DIW Berlin. Albert Director of the MSc in Finance and Banking at the UPF-BSM, Deputy Director of the MSc in Economics of Energy, Climate Change, and Sustainability at the BSE, and former director of the MSc in Competition and Regulation at City University of London. Previously, he held teaching and research positions at the University of Western Ontario in Canada, IFP-Energies Nouvelles in France, Northwestern University in the US, the University of Cambridge and London Business School in the UK and the University of Mannheim in Germany.

RESEARCH INTERESTS

Corporate Finance, Industrial Organization, Competition and Regulation, Energy, Mergers, R&D.

CURRENT TEACHING

Albert has over 15 years of experience undertaking research, teaching and consultancy in the areas of competition poly and regulation, corporate finance, and energy and sustainability. His research uses (and combines) a wide variety of theoretical, econometric, experimental and numerical techniques. Albert has published more than 25 articles in some of the most prestigious academic journals in these areas. His articles have been published in leading international peer-reviewed journals such as Management Science, the Review of Financial Studies and Research Policy, all of them included in the FT Top 50 list and in the ABS 4* category.

Albert is member of the Academic Panel of the UK's energy regulator, the Office for Gas and Electricity Markets (Ofgem) and of the UK's competition authority, the Competition and Markets Authority (CMA). He is also member of the Scientific Council of the IFP-Energies Nouvelles in Paris. Albert is former President and member of the Governing Council of Som Energia, a Spanish cooperative that produces and sells renewable energy.

MAIN PUBLICATIONS

Albert has co-written and acted as a technical expert in several reports for consultancies, energy regulators, competition authorities, governmental agencies and non-governmental organisations, such as E.CA Economics, the UK's OFT, the European Commission's Directorate General (DG) for Competition, the European Parliament and the European Climate Foundation (ECF). Some of his recent reports include "Towards Net-Zero? Gas Infrastructure and Investment Regulation in Spain" for ECF and "The Economic Impact of Enforcement of Competition Policies on the Functioning of EU Energy Markets" for the European Commission's DG for Competition.

OTHER PROFESSIONAL ACTIVITIES

Albert has been the co-director of the executive courses on "Sustainable Finance" and "Energy Economics: Current Methods and Policy Challenges" at the BSE. Albert has also organised and

delivered an extensive range of more than 20 in-house professionally-oriented executive training courses for (i) energy regulators and competition authorities such as Mexico's Comisión Federal de Competencia Económica (COFECE), (ii) government agencies such as the UK's Department for Business, Enterprise and Regulatory Reform and (iii) private companies such as Gaz de France/Engie. Albert has also organised several courses on energy regulation, competition policy and project finance for regulators across Africa in several African cities in collaboration with the World Bank, the EU and the African Forum for Utility Regulators.

CV membres del tribunal Convocatòria PDI26011

Convocatòria: 2026/D/LD/COPOEV/3
Plaça: DLRF8148 - Professorat Lector
Departament: Eng. Electrònica, Elèctrica i Automàtica
Àrea: Enginyeria de sistemes i automàtica
Centre: Escola Tècnica Superior d'Enginyeria
CCE: Professorat lector **Dedicació:** TC
Institució sanitària:
Titulació: Doctorat
Perfil: Electrònica digital i màquines elèctriques.

Jon Andreu larrañaga.

Soy Doctor Ingeniero en automática y electrónica industrial desde 2008. Antes de incorporarme a la universidad, trabajó tres años en IDEKO y en Danobat de Mondragón. En el año 2000 me uní a una empresa de electrónica de consumo como ingeniero de firmware y en 2002 pasé a la UPV/EHU como profesor colaborador en Tecnología Electrónica, donde obtuve el título de doctor y el premio extraordinario de doctorado en 2008. Desde julio de 2022 soy Profesor Pleno (Catedrático PDI laboral) en el Departamento de Tecnología Electrónica de la UPV/EHU. Formo parte desde casi sus inicios del grupo APERT. Sus principales líneas de investigación son los circuitos reconfigurables y system-on-chip, así como los circuitos de control y potencia para convertidores energéticos. El grupo APERT ha logrado consolidarse gracias a publicaciones de alto impacto, la participación en congresos de prestigio y la obtención de numerosos proyectos y contratos con empresas relevantes como el CERN, obteniendo el reconocimiento del Gobierno Vasco como Grupo de Investigación Tipo A en tres periodos consecutivos. He participado en 86 proyectos de investigación (37 privados y 49 públicos), de los cuales he sido Investigador Principal en 17. He dirigido 9 tesis doctorales (una con premio extraordinario y dos internacionales) y sido director de 3 becas postdoctorales. Cuento con 38 artículos en revistas internacionales JCR (25 en Q1 y 8 en Q2), 14 en revistas nacionales, 62 comunicaciones en congresos internacionales, 52 en nacionales y tres online. Tengo un índice h de 22 en Scopus y 21 en WoS, acumulando 3.343 citas en Scopus y 2.495 en WoS. Poseo tres patentes, he publicado un libro con ISBN en editorial de prestigio y he sido evaluador de proyectos europeos y ANEP en 9 convocatorias estatales, contando con 3 sexenios de investigación y 4 quinquenios docentes.

SANDRA BERMEJO BROTO

The person is Professor in Electronics from 2023 and earned the M.Sc. in Electrical Engineering and the Ph.D. degree in 2000 and 2004 respectively. Between 2015 and 2023, she served as the Vice Dean of the Barcelona School of Telecommunication Engineering (ETSETB) at the Universitat Politècnica de Catalunya (UPC). Her research is developed within the Electronic Engineering Department at UPC, where she leads the electro-kinetics research group. Her research objectives primarily revolve around the advancement of technology tailored for the production of functional nano-devices through electrowetting, electrospray, and electrothermal techniques, with applications spanning the domains of photonics, energy, and sensing. The research group specializes in fabricating metamaterials designed for energy and sensing applications, encompassing diverse energy harvesting and storage devices, along with the formulation of electrolytes tailored for energy, humidity, and proximity sensors. The group has the achievement of developing a pioneering supercapacitor for energy harvesting, fully engineered with dielectric nanoparticles. She has actively contributed to a total of around 30 competitive research projects, both at the national and European levels, leading four of them. She has managed four technology transfer projects with IT companies and research centers. She is author of around 50 international journal papers, more than 60 conference contributions and holds three patents.

ENRIQUE CANTÓ NAVARRO received the M.S. degree in electronics engineering and the Ph.D. degree from Universitat Politècnica de Catalunya (UPC), in 1995 and 2001, respectively.

He has been an Associate Professor with UPC, since 1996, and an Assistant Professor with Universitat Rovira i Virgili (URV), since 2003.

He has participated in several national and international research projects related to smart cards, FPGAs, hardware accelerators, and biometrics. He has published more than 70 research papers in journals and conferences.

His research interests include hardware accelerators for biometric algorithms, cryptography, and run-time reconfigurable embedded systems. He also has been reviewer of more than 20 papers for several international journals and co-editor of two special issues.

Cristina Fernandez received her M.Sc. degree in Industrial Engineering and her Ph.D. degree in Electrical Engineering from the Polytechnic University of Madrid in 1998 and 2004, respectively. Her research focuses on the field of Power Electronics. In 2000 she was summer intern in the Research and Development Center of General Electric (USA). Since 2003 she has worked in the Department of Electronic Technology of the Carlos III University of Madrid, where she is associate professor. In 2016 she made a stay as visiting researcher at the Tyndall National Institute research center (Ireland). She has worked on 20 projects and 46 research contracts and is co-founder of a spin-off company targeting CAD for power electronics (PowerSmartCtrl). She has published 29 manuscripts in JCR-Indexed Journals and over 100 scientific papers at main international and national conferences. Her publications have more than 2,300 citations, with a h-index equal to 24 (Google Scholar).

She serves as Associate Editor for the IEEE Transactions on Power Electronics since 2013. She also served as Associate Editor for the IEEE Journal of Emerging and Selected Topics in Power Electronics since 2017 till 2024, and was awarded as STAR Associate Editor in 2019. Since 2008 till 2023 she was member of the Directive Board of the IEEE-PELS-IES Spanish Chapter, being elected chair in the period 2019-21. She is member of the Directive Board of the IEEE Education Spanish Chapter since 2016. From 2017 till 2022 she served as publication liaison and elected secretary of the Power and Control Core Technologies (TC1) of the IEEE Power Electronics Society (IEEE-PELS). She has been member of Technical Program Committees of international conferences in Power Electronics: IEEE COMPEL 2014, 2018 and 2022, and PwrSoc 2016.

Curriculum Vitae enero 2025

Nombre	Catalina Rus Casas
Open Researcher and Contributor ID (ORCID) (*)	https://orcid.org/0000-0002-6982-4054
Puesto	Titular de Universidad
Organismo/ Institución	Universidad de Jaén
Departamento/ Centro	Ingeniería Electrónica y Automática

Publicaciones más importantes en libros y revistas con "peer review" y conferencias.

1. Sánchez-Jiménez, J.L.; Muñoz-Rodríguez, F.J.; Jiménez-Castillo, G.; Martinez-Calahorro, A.J.; **Rus-Casas, C.** Analysis of Different Scenarios to Include PV Rooftop Systems with Battery Energy Storage Systems in Olive Mills. Energies 2024, 17, 144. https://doi.org/10.3390/en17010144 **Q1**
2. Muñoz-Rodríguez, F.J.; Snytko A.; de la Casa Hernández J., **Rus-Casas C**., Jiménez-Castillo G., Rooftop photovoltaic systems. New parameters for the performance analysis from monitored data based on IEC 61724, Energy and Buildings, Volume 295, 2023, 113280, https://doi.org/10.1016/j.enbuild.2023.113280. **Q1**
3. Louassaa, K.; Chouder, A.; **Rus-Casas, C.** Robust Nonsingular Terminal Sliding Mode Control of a Buck Converter Feeding a Constant Power Load. Electronics 2023, 12, 728. https://doi.org/10.3390/electronics12030728 **Q2**
4. Mellit, Adel, Omar Herrak, **C Rus Casas**, and Alessandro Massi Pavan. 2021. "A Machine Learning and Internet of Things-Based Online Fault Diagnosis Method for Photovoltaic Arrays" Sustainability 13, no. 23: 13203. https://doi.org/10.3390/su132313203. **Q2**

Proyectos o líneas de investigación en los que ha participado,

1. TED2021-131137B-I00 **Titulo:** Aportación a la transición ecológica en el sector industrial a través del autoconsumo Fotovoltaico **IP**: C Rus Casas. Proyectos orientados a la transición ecológica y a la transición digital. 1/1/2023 – 31/12/2024. Dotación: 110.400,00

Abbreviated CV.

Hugo Valderrama Blavi, with DNI 39691310A, associate professor since July 26, 2003, with 4 six-year terms of research, and 4 five-year teaching terms, with more than 6200 hours of class. Recently promoted to Full professor.

Area of knowledge, Systems Engineering and Automation. Accredited as a full professor by ANECA on June 3, 2022. Graduated in Telecommunications Engineering from the UPC, I obtained my PhD in February 2001, when I left for a one-year post-doctoral stay at LAAS-CNRS in Toulouse, France.

My research interests are: power electronics, DC and AC microgrids, multilevel inverters, renewable energies, especially photovoltaic solar energy and fuel cells, nonlinear control, electric vehicles.

I have published around 50 articles in indexed journals, more than 120 contributions to conferences, 5 supervised doctoral theses, and 2 more in the process of being read. I have directed 40 TFG and TFM, and I have been the PI (principal investigator) of 5 research projects of the ministry, and co-PI of two more.

I have organized two editions of the SAAEI (Annual Seminar on Automation and Industrial Electronics), in Tangier 2024, and in Lleida in 2022, and an Automation Conference in Tarragona in 2008. At the management level, I was responsible for the Master's Degree in Electric Vehicle Technologies for 3 years, and since February 25, 2022, I have been the director of the Electronic, Electrical and Automatic Engineering department.

CV membres del tribunal Convocatòria PDI26011

Convocatòria: 2026/D/LD/COPOEV/3
Plaça: DLRF8081 - Professorat Lector
Departament: Enginyeria Mecànica
Àrea: Enginyeria mecànica
Centre: Esc.Tècnica Superior Enginyeria Química
CCE: Professorat lector **Dedicació:** TC
Institució sanitària:
Titulació: Doctorat
Perfil: Enginyeria mecànica i resistència de materials

Dr. Joan Andreu Mayugo Majo

Professor catedràtic de l'àrea d'Enginyeria Mecànica a la UdG. Enginyer Industrial i doctor per la Universitat Politècnica de Catalunya. ORCID PRC: 0000-0001-8210-3529.
Activitat de docència en els estudis de grau d'Enginyeria Mecànica en assignatures de disseny de màquines i de dinàmica de sistemes mecànics. Professor en el màster de Mechanics of Materials and Structures de la UdG en aspectes de disseny d'elements mecànics amb el mètode d'elements finits. Professor del màster en Enginyeria Industrial en matèries de disseny i assaig de màquines.
Investigador del grup de recerca AMADE (Anàlisi i Materials Avançats per al Disseny Estructural) on treballa en la caracterització i la simulació de materials compostos avançats per a aplicacions estructurals.

INGRID MARTORELL BOADA

Professora agregada Serra de l'Escola Politècnica Superior de la UdL i membre del grup SEMB. És llicenciada en Química, i doctora en Enginyeria Química, tots dos per la URV. Els seus interessos de recerca se centren en mesures de propietats dels materials per a l'emmagatzematge d'energia tèrmica, sistemes tècnics avançats de refrigeració, eficiència energètica i innovació docent.

ORCID https://orcid.org/0000-0003-3400-8249

JORDI ROMEU GARBÍ

Doctor Enginyer Industrial, Catedràtic d'Universitat a la Universitat Politècnica de Catalunya, Director del Departament d'Enginyeria Mecànica i Coordinador del grup de recerca "Laboratori d'Enginyeria Acústica i Mecànica". L'àmbit principal de recerca és el control de soroll i les vibracions, amb especial menció a l'acústica mediambiental. 9 tesis doctorals dirigides, més de 30 articles en revista d'alt impacte (Articles JCR (38) in Q1: 11; Q2: 15; Q3: 7; Q4: 5. First tercile: 20) i més de 100 participacions a congrés. Participació en nombrosos projectes i contractes de recerca, molts d'ells relacionats amb la la gestió del soroll ambiental. Ha participat en més de 28 projectes de recerca, dels quals ha estat IP en 15 d'ells. Vuit corresponen a convocatòries competitives per finançar la recerca realitzada per empreses en col·laboració amb centres de recerca, com ara les antigues convocatòries PROFIT o PETRI o les actuals del CDTI i els seus equivalents territorials (CIDEM). L'investigador participa en un total de 19 contractes de recerca (IP en vuit). Aquests contractes inclouen els vuit combinats amb finançament competitiu (aquest CV exclou projectes i contractes coincidents). Participació en 55 contractes de transferència de tecnologia i 60 serveis empresarials.

Des d'una perspectiva qualitativa, els seus èxits són la demostració de la viabilitat de realitzar un control actiu del soroll a les obertures; la concepció i construcció d'un sistema de caracterització de la superestructura ferroviària, que es preveu utilitzar en aquest projecte i comercialitzar-ne l'ús combinat amb el model de generació i propagació de vibracions ferroviàries; i l'establiment d'una metodologia de mostreig en acústica ambiental, que permet dimensionar la mostra de punts a mesurar en un entorn urbà i conèixer l'error associat a aquesta mostra. La línia de recerca del Dr. Romeu se centra ara en el desenvolupament d'aquests èxits.

CV Català. Silvia De la Flor

Departament d'Enginyeria Mecànica- Universitat Rovira i Virgili

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Silvia De la Flor és enginyera industrial i doctora en Enginyeria Industrial per la Universitat Politècnica de Catalunya. Professora titular a la Universitat Rovira i Virgili, actualment dirigeix el Departament d'Enginyeria Mecànica i forma part de l'equip de govern de la URV com a comissionada d'Optimització de Processos. Amb més de tres dècades de trajectòria professional, ha combinat de manera equilibrada la docència, la recerca i la seva transferència a la societat, així com la gestió universitària.

Especialista en mecànica experimental i computacional, la seva activitat investigadora se centra en la modelització i optimització de materials intel·ligents i funcionals: aliatges i polímers amb memòria de forma, polímers de moviment actiu i, especialment, les xarxes covalents adaptables o vitrímers. Des del seu grup de recerca FUNCMAT (Functional and Smart Materials) ha liderat nombrosos projectes competitius, ha publicat més de 100 articles científics indexats i ha realitzat més de 150 contribucions a congressos. La seva tasca inclou col·laboracions amb grups de recerca internacionals i una àmplia activitat de transferència tecnològica amb empreses de l'àmbit industrial, especialment en caracterització i desenvolupament de materials, havent rebut en dues ocasions el premi a l'Impacte Social de la Recerca de la URV.

Ha impartit nombroses assignatures de grau i màster dins l'àmbit de la mecànica del sòlid i la mecànica estructural, i compta amb sis quinquennis docents reconeguts amb excel·lència. Va ser distingida per la Generalitat de Catalunya amb el premi Jaume Vicens Vives a la Qualitat Docent Universitària, que reconeix l'excel·lència i la innovació en la docència. Sempre ha estat implicada en activitats d'innovació docent i en la promoció de la igualtat de gènere en l'enginyeria, impulsant projectes orientats a apropar la tecnologia als joves i, especialment, a les futures enginyeres.

En l'àmbit de la gestió, ha exercit diversos càrrecs de responsabilitat dins la URV i participa activament en la relació entre universitat, empresa i societat com a vocal a la Junta del Col·legi d'Enginyers Industrials de Catalunya a la demarcació de Tarragona, reforçant així el vincle entre la formació universitària i el desenvolupament professional del sector.

CV Castellano. Silvia De la Flor

Departamento de Ingeniería Mecánica- Universitat Rovira i Virgili

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Silvia De la Flor es Ingeniera Industrial y Doctora en Ingeniería Industrial por la Universitat Politécnica de Catalunya. Profesora Titular en la Universitat Rovira i Virgili, dirige actualmente el Departamento de Ingeniería Mecánica y forma parte del Equipo de Gobierno de la URV como Comisionada de Optimización de Procesos. Con más de tres décadas de trayectoria profesional, ha combinado de manera equilibrada la docencia, la investigación y su transferencia a la sociedad, así como la gestión universitaria.

Especialista en mecánica experimental y computacional, su actividad investigadora se centra en la modelización y optimización de materiales inteligentes y funcionales: aleaciones y polímeros con memoria de forma, polímeros de movimiento activo y, especialmente, las redes covalentes adaptables o vitrímeros. Desde su grupo de investigación FUNCMAT (*Functional and Smart Materials*) ha liderado numerosos proyectos competitivos, ha publicado más de 100 artículos científicos indexados, y ha realizado más de 150 contribuciones a congresos. Su labor incluye colaboraciones con grupos de investigación internacionales y una amplia actividad de transferencia tecnológica con empresas del ámbito industrial especialmente en caracterización y desarrollo de materiales, habiendo recibido en dos ocasiones el premio al Impacto Social de la Investigación de la URV.

Ha impartido numerosas asignaturas en grado y máster dentro del ámbito de la mecánica del sólido y mecánica estructural, y cuenta con seis quinquenios docentes reconocidos con excelencia. Fue distinguida por la Generalitat de Catalunya con el premio Jaume Vicens Vives a la Calidad Docente Universitaria, premio que reconoce la excelencia e innovación en la docencia. Siempre ha estado implicada en actividades de innovación docente y en la promoción de la igualdad de género en la ingeniería, impulsando proyectos orientados a acercar la tecnología a los jóvenes y, especialmente, a las futuras ingenieras.

En el ámbito de la gestión, ha ejercido diversos cargos de responsabilidad en gestión dentro de la URV y participa activamente en la relación entre universidad, empresa y sociedad como vocal en la Junta del Colegio de Ingenieros Industriales de Cataluña en la demarcación de Tarragona, fortaleciendo así el vínculo entre la formación universitaria y el desarrollo profesional del sector.

CV membres del tribunal Convocatòria PDI26011

Convocatòria: 2026/D/LD/COPOEV/3
Plaça: DLRF8161 - Professorat Lector
Departament: Química Física i Inorgànica
Àrea: Química física
Centre: Facultat de Química
CCE: Professorat lector **Dedicació:** TC
Institució sanitària:
Titulació: Doctorat
Perfil: Química Quàntica

Part A. PERSONAL INFORMATION

CV date	14-Apr-26

First and Family name	Pedro Salvador Sedano		
Social Security, Passport, ID number	40340565Z	Age	50
Researcher numbers	Researcher ID	A-4323-2008	
	Orcid code	0000-0003-1823-7295	

A.1. Current position

Name of University/Institution	Universitat de Girona			
Department	Institut de Química Computacional i Catàlisi (IQCC) and Departament de Química			
Address and Country	Facultat de Ciencies, Mª Aurelia Capmany 69, 17003 Girona			
Phone number	+34 972418358	E-mail	pedro.salvador@udg.edu	
Current position	Associate Professor		From	1/11/2006
Espec. cód. UNESCO	200182, 200183, 200184, 201509			
Keywords	Quantum chemistry, Chemical bonding, Intermolecular Interactions			

A.2. Education

PhD	University	Year
Licenciado en Química	Universitat de Girona	1997
Doctor en Química	Universitat de Girona	2001

A.3. Publications, theses, research projects and academic activities.

Six-year research terms (sexenios de investigación) of the Agency for the Quality of the University System of Catalonia (AQU): **four consecutive six-year terms favorably evaluated** (1998-2003, 2004-2009, 2010-2015,2016-2021). Last six-year term granted on 30/06/2022.

Author of 97 articles published in peer-reviewed indexed journals, including 3 J. Am. Chem. Soc., 3 Angew. Chem. Int. Ed., 2 Chem. Eur. J., 3 Chem. Sci. 8 Phys. Chem. Chem. Phys., 8 J. Chem. Theory Comput., 10 Inorg. Chem, etc. **3293 total citations**, with an average of **34 citations/article**. **+174K citations** as a coauthor of the software Gaussian since revision Gaussian 98 A11, according to Google Scholar as of 4/14/2026. **h index = 30** (according to ISI), **36** (according to Google Scholar)

8 doctoral theses supervised/co-supervised (two awarded with the extraordinary doctorate award of the UdG). Supervisor of 13 M. Sc. Theses and more than 20 B. Sc. Theses, from the Chemistry and Biotechnology degrees at UdG. I am **currently co-supervising two doctoral theses:** Enric Sabater (due Set 2026, co-supervisor with D. Andrada); Joan Grèbol (due 2027, co-supervisor E. Matito).

Co-IP of two national projects PGC2018-098212-B-C22 and PID2022-140666NB-C22. Team member of National projects since 1998.

Institutional responsibilities

- Secretary of the *Institut de Quimica Computacional* at UdG (06/2009-03/2013)
- Director of the Master in Advanced Catalysis and Molecular Modelling of the UdG (03/2013 – 10/2019)
- Secretary of the Chemistry Degree Council, UdG (6/2013 - present)
- Member of the Quality Commission of the Faculty of Sciences, UdG (10/2015 – 10/2019)

Other

Member of the Real Sociedad Española de Química, Societat Catalana de Química and European Committee for Chemical Bonding

Part B. CV SUMMARY

I am an Associate Professor of the Chemistry Department and Institute of Computational Chemistry and Catalysis (IQCC) of the University of Girona (UdG) since October 2006. I am one of the principal investigators of the IQCC, currently leading a group of 2 PhD students (holders of Ph D grants) and a post-doc.

I graduated in Chemistry (first in class) in 1997 at the UdG, where I joined the group of Prof. Duran for PhD studies. My thesis focused on the development of basis set superposition error correction methods in electronic structure. I completed the thesis in Dec 2001 with 10 publications. That same year, I implemented the Counterpoise methodology in Gaussian, of which I became a co-author of versions g98 to g09.

In my postdoctoral period I changed my main research line towards the development and implementation of tools for wavefunction analysis. In late 2001 I published the first decomposition of the Hartree-Fock energy (HF) into atomic and diatomic contributions in the framework of the QTAIM theory. In 2004 I showed how the classical formulation of bond orders, populations and valences can be generalized in the framework of real-space analysis. This important paper holds more than 360 citations (WoS), and paved the way for new applications e.g. in the context of electronic aromaticity indicators in 2007 (211 cit). Subsequent works focused on the decomposition of the HF (2005) and Kohn-Sham DFT (2007) energies, local hardness (2007-08) or local spins (2012-14). These works and related ones formed the core of the PhD thesis of Dr Ramos-Cordoba (2014), awarded with the 2014 excellence award by the UdG. In 2015, I developed the only general method to derive oxidation states from first principles. A subsequent paper in ACIE in 2020 was highlighted in Chemistry World and earned first prize of the GEQV-RSEQ. This research line has brought significant attention, leading to several significant international collaborations, among others with prof. Head-Gordon (U Berkeley). The toolbox that I've developed has most recently permitted me to tackle several open questions on the nature of the chemical bond: from nitrosyl compounds, to bismuth and beryllium chemistry or the proper characterization of spin-polarized systems.

Other achievements of my diverse scientific career include highly cited studies on molecular dynamics simulations of antimicrobial peptides (2011, 64 cit), atmospheric chemistry (2003, 139 cit), ab initio calculation of NMR and Mössbauer parameters, electron correlation indicators (2016, 93 cit) or design of DFT functionals for molecular properties (2020, 34 cit.). All the methods that I have developed are implemented in the APOST-3D code, which is available to the scientific community.

I've worked in many international laboratories, including the groups of Prof. Suhai (Heidelberg), Prof. Mayer (Budapest), Prof. Szczesniak (Oakland), Prof. Dannenberg (New York), prof Bikelhaupt (Amsterdam), prof. Jungwirth (Prague) or Prof. Andrada (Saarbruken), among others, for a total of 34 months.

CURRICULUM VITAE ABREVIADO (CVA)

***IMPORTANT** – The Curriculum Vitae **cannot exceed 4 pages**.*

Part A. PERSONAL INFORMATION

First name	Montserrat		
Family name	Diéguez Fernández		
Open Researcher and Contributor ID (ORCID) (*)		0000-0002-8450-0656	

A.1. Current position

Position	Full Professor of Inorganic Chemistry		
Initial date	19/09/2011		
Institution	Universitat Rovira i Virgili		
Department/Center	Química Física i Inorgánica	Facultat de Química	
Country	Spain	Teleph. number	977558780
Key words	Organometallics, asymmetric catalysis, catalyst design, combinatorial chemistry, clean energy production		

A.2. Previous positions (research activity interruptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
14/01/1994 – 30/09/1999	Assistant Lecturer / URV / Spain
01/04/1998 – 01/04/2000	Postdoctoral Associate / Yale University / U.S.A
01/10/1999 – 08/11/2002	Lecturer / URV / Spain
09/11/2002 – 18/09/2011	Associated Professor / URV / Spain

A.3. Education

PhD	University/Country	Year
Doctor in Chemistry	Universitat Rovira i Virgili (URV) / Spain	1997

Part B. CV SUMMARY *(max. 5000 characters, including spaces)*

I received my PhD in Chemistry at URV in 1997. After a postdoctoral stay with Prof. Crabtree (Yale University, USA) working in a project with Exxon company, I obtained a position at URV in 2002 and became full professor in 2011. Since 2008 I have directed the SMARTCAT research group, with its own funding and researchers. Since 2018 I am also chair of the InnCat group (succeeding Prof. C. Claver), recognized continuously and with funding as a Consolidated Research Group by the Catalan Government (SGR program).
In addition to my teaching activity at the Faculty of Chemistry, the participation in innovative teaching projects and institutional responsibilities, I'd like to highlight the research done. I have (co)authored 166 **peer reviewed articles** with 8107 citations (**H index 46**), 116 are first-quartile (Q1) and 60 are in the first-decile (D1); e.g. 5 Chem. Rev (I.F. 72.087, one in the last five years), 3 of them highly cited papers top 1% (2008, 2014 and 2021); 2 Acc. Chem. Res. (I.F. 24.466, one in the last five years); 4 Coord. Chem. Rev. (I.F. 24.833, one in the last five years), 4 J. Am. Chem. Soc. (I.F. 15.80), and since 2016, 6 ACS Catal. (I.F. 13.70) and 1 Angew. Chem. Int. Ed. (16.6; 2024), all as corresponding author, and a Nat. Commun. 2021 in collaboration with AstraZeneca and Notre Dame University. Also, to highlight that the 88% of my production in the last 5 years has been published in Q1 journals, being the 67% of them in D1. I have also edited with A. Pfaltz and T. Riera an special issue for Adv. Synth. Catal. 2024 with 51 manuscripts. In the last 5 years I've also been invited as main editor of 11 **books**, two of them in preparation. I have also (co)authored 22 **book chapters**, 8 in the last 5 years (mainly about the evolution of chiral ligand libraries for asymmetric catalysis, asymmetric hydrogenation, including a chapter with Johnson Matthey, and metal-biocatalyst dual catalysis for Springer and SOS Science thieme) and also to highlight a chapter in press for Organic

Reaction Series. Since 2020 I am **editor** in chief of Elsevier's Book Serial Advances in Catalysis with 2 volumes per year and an I.F. 7.545. I was invited as editor to broaden the scope of this book series to include homogeneous processes (also enantioselective ones), enzymatic methods and industrial experts' contributions without losing its essence in heterogeneous catalysis. For example, vol. 68 was the first thematic volume in asymmetric hydrogenation, including a chapter by Johnson Matthey. A second thematic volume (vol.73) about asymmetric catalysis includes C-C bond forming reactions with chapters written by leading authors from the metal complex-, organo- and bio-catalysis, including a chapter by Solvias company. In total, 8 books have been published since my incorporation and two more are in preparation for 2025. Since 2020 I am also a **Delegate** of the Division of Organometallic Chemistry of EuChemS (selected treasurer of the executive board and being selected the co-convenor of the Catalysis theme for the EuChemS 9th Congress celebrated in Dublin, 2024) and of the Catalan Chemical Society (SCQ) with the organization of the 1st and 2nd Meeting of Inorganic and Organometallic Chemistry of SCQ (celebrating in Barcelona 2023 and Tarragona 2025, respectively). I was also the coordinator of a Symposium on Artificial Metalloenzymes for catalysis for the Biennal Meeting RSEQ (2019) and member of scientific committee of the Euroboron9 congress (Barcelona, 2022). I have also continuously participated in several evaluation committees for evaluation of scientific projects and grants, such as the Agencia Nacional de Evaluación y Prospectiva (ANEP) for scientific projects and RyC fellowships (including in several final panels); for the AGAUR, Generalitat of Catalunya for scientific projects and grants (including member of the panels of Beatriu de Pinós fellowship), in the panels for La Caixa Foundation, and for the Knut and Alice Wallenberg Foundation, Sweden and the Agence Nationale de la recherche (ANR), France. My research during the last five years has been **funded** by numerous research projects, being IP in 7 national projects (3 consecutives CTQ/PIDs with a constant increase in the budget provided, 1 from the public-private call**,** 2 as consolidated group from the SGR and 1 ICREA) and 4 university-funded projects. I am also the leader in 3 contracts with industry, two with Bayer. I have (co)supervised 15 **doctoral thesis** which received the International Mention and 6 were awarded with the URV's PhD Prize. I am director of the doctorate "Chemical Science and Technology", the largest of the URV and that was accredited in 2021 with the highest qualification. It incorporates researchers in Chemistry into our Department and the Catalan Institute of Chemical Research (ICIQ), with an average of 40 thesis defended by year. Convinced that research should be as **collaborative** and international as possible, I have collaborated with 15 research university groups from 13 countries and with industry (e.g., AstraZeneca (Sweden), a long term collaboration, with 7 joint publications, 3 in the last five years and the cost associated with an ongoing doctoral fellowship; Johnson Matthey (UK) with one publication in the last five years and a contract in preparation, Bayer (Germany) with three recent contracts in asymmetric hydrogenation and a patent. I received the following **scientific awards**: the Distinction for the promotion of university research granted by the Generalitat de Catalunya (2004), the Distinction of the URV (2008), the ICREA Academia Prize in 2009-2014 and again in 2015-2020 for research excellence and leadership. The inclusion in the annual report (2022 data) on the impact of research in the academic field published by Stanford University, as one of the most relevant researchers worldwide in my area of knowledge.

My research in the **last five years** focuses on catalyzed chemical processes. Particularly, the discovery of catalysts for asymmetric reactions that can selectively transform relevant substrates into products of high added value, moving away from the comfortable zone of benchmark substrates. Under the concept of modular catalysts, which can be systematically modified to introduce specific structure patterns, ligand libraries with hundreds of variations were created in the search of the best catalysts. These findings were accompanied by mechanisms studies (experimentally and DFT calculations) as a more effective means to find catalysts than the expensive trial-and-error methods. The ligand libraries were not only designed with the objective of performance but also having in mind their industrial applicability (few synthetic steps, unexpensive starting materials, stability in the air and simple manipulation, in line with the industrial collaborations we maintain in the group). Thus, ligand libraries with more than 500 systematic structural variations were synthesized from

inexpensive raw materials. Improved, air-stable catalysts were discovered for a wide range of challenging substrates in processes such as Ir-catalyzed hydrogenation (e.g., Org. Lett. 2019, for tetrasubstituted olefins; ACS Catal. 2023, finding the first catalysts for alkenes with different geometry and substitution pattern, 84 examples of di-, tri- and tetrasubstituted olefins; Angew. Chem. Int. Ed. 2024, selected for inside front cover; for the reduction of the unresolved tetrasubstituted enones), and an increased range of nucleophiles/substrates in the allylic substitution reaction (e.g., ACS Catal. 2019; 73 examples of nucleophiles/substrates, 6033 and Nat. Commun. 2021), that also allowed the synthesis of elusive fused bi- and tricyclic molecules by simple tandem reactions (e.g. ACS Catal. 2019, and Adv. Synth. Catal. 2022). My research also covers new achievements in sustainable chemistry with the use of greener solvents (propylene carbonate, e.g. ACS Catal. 2023) and adapting the ligand structure for catalyst immobilization to improve catalysts recycling and its use on continuous flow processes. Additional quality indicators in the last five years are 5 reviews (e.g. Coord. Chem. Rev., Chem. Comm., Acc. Chem. Res., Chem. Rev. as highly cited paper and an Acc. Chem. Res. in preparation by invitation), several books as editor and books chapters. By taking advantage of my expertise in modular ligand design nowadays research also includes adapting the ligand structure to the use of earth-abundant metals with different coordination requirements (with an ongoing thesis), and in collaboration with experts in the field, including AstraZeneca, the introduction of machine learning in the discovery process of catalysts (with an ongoing thesis).

Part C. RELEVANT MERITS *(sorted by typology)*

C.1. Publications *(Selected from the last 10 years)*

1. J. Faiges, M. Biosca, M. A. Pericàs, M. Besora,* Oscar Pàmies, and M. Diéguez* “Unlocking the Asymmetric Hydrogenation of Tetrasubstituted Acyclic Enones” *Angew. Chem. Int. Ed*. 2024, 63, e202315872. ***Selected for cover***.
2. M. Biosca, P. de la Cruz-Sánchez, J. Faiges, J. Margalef, E. Salomó, A. Riera, X. Verdaguer*, J. Ferré, F. Maseras, M. Besora*, O. Pàmies, M. Diéguez* “P-Stereogenic Ir-MaxPHOX: A Step toward Privileged Catalysts for Asymmetric Hydrogenation of Nonchelating Olefins” *ACS Catal*. 2023, 13, 3020. I.F: 13.700.
3. M. Biosca, P. de la Cruz-Sánchez, D. Tarr, P. Llanes, E. A. Karlsson, J. Margalef, O. Pàmies, M. A. Pericàs,* M. Diéguez* “Filling the Gaps in the Challenging Asymmetric Hydrogenation of Exocyclic Benzofused Alkenes with Ir-P,N Catalysts” *Adv. Synth. Catal*. 2023, 365, 167. I.F: 5.981. ***VIP paper and to be in front cover***.
4. J. Whalers, J. Margalef, E. Hansen, A. Bayesteh, P. Helquist, M. Diéguez, O. Pàmies, O. Weist, P.-O Norrby* “Proofreading experimentally assigned stereochemistry through Q2MM predictions in Pd-catalyzed allylic aminations” *Nat. Comm*. 2021, 12, 6719. I. F: 17.694.
5. O. Pàmies, C. Moberg*, M. Diéguez* “Self-Adaptable Catalysts” *Acc. Chem. Res*. 2021, 54, 3252. I.F: 24.466.
6. J. Margalef, O. Pàmies, M. Diéguez* “Evolution in heterodonor P-N, P-S and P-O chiral ligands for preparing efficient catalysts for asymmetric catalysis. From design to applications” *Coord. Chem. Rev. 2021*, 446, 214120. I.F: 24.833.
7. O. Pàmies, J. Margalef, S. Cañellas, J. James, E. Judge P. J. Guiry, A. Pfaltz, M. A. Pericàs, C. Moberg, M. Diéguez* "Recent advances in enantioselective Pd-catalyzed allylic substitution-from design to applications" *Chem. Rev*., 2021, 121, 9036. I.F: 52.758. ***Highly cited paper, top 1%.***
8. R. Miró, A. Cunillera, J. Margalef, D. Lutz, A. Börner*, O. Pàmies, M. Diéguez,* C. Godard*, Rh-catalyzed asymmetric hydroaminomethylation of α-substituted acrylamides: application in the synthesis of RWAY. *Org. Lett.*, 2020, 22, 9036- 9040. I.F. 6.091.
9. M. Biosca, J. Saltó, M. Magre, P.-O. Norrby,* O. Pàmies, M. Diéguez* “An Improved Class of Phosphite-Oxazoline Ligands for Pd-Catalyzed Allylic Substitution Reactions” *ACS Catal*. 2019, 9, 6033. I.F.: 12.221.

10. M. Biosca, E. Salomó, P. de la Cruz-Sánchez, A. Riera, X. Verdaguer,* O. Pàmies,* M. Diéguez* "Extending the Substrate Scope in the Hydrogenation of Unfunctionalized Tetrasubstituted Olefins with Ir/P-stereogenic Aminophosphine-Oxazoline Catalysts" *Org. Lett*. 2019, 21, 807. I.F: 6.555.

C.2. Research projects, indicating your personal contribution.

1. Síntesis de feromonas con relevancia industrial mediante procesos catalíticos en flujo continuo (CPP2023-010964). 2024-2026. Ministerio de Ciencia, Innovación y Universidades. PI (URV): Montserrat Diéguez. PI (Company) Jordi Aragón. 573.059,22 €.

2. Synergistic Approaches to Catalyst Design for the Efficient Production of Enantiopure Substances (SYN4CAT, PID2022-139996NB-I00). 2023-25. Spanish Ministry. PI: Diéguez and O. Pàmies. 231.250,00€.

3. Innovation in Catalysis - InnCat (2021SGR00163). DURSI-AGAUR. 2022-24. PI: Diéguez. 60.000,00 €. Resolution communication from AGAUR January 2023.

4. Tailor-made molecular catalysts and hybrid biocatalysts for asymmetric C-X bond formations (PID2019-104904GB-I00). 2020-22. Spanish Ministry. PI: Diéguez and Pàmies. 114.950,00 €.

5. Organometallic and homogeneous catalysis (2017SGR1472). DURSI-AGAUR. 2018-21 (extended for COVID19) PI: Diéguez. 65.896,00 € + 43.449,72 € from the URV.

6. Tailor-made catalysts for chiral processes and generation of clean energy (CTQ2016-74878-P). 2016-19. Spanish Ministry. PI: Diéguez and Pàmies. 90.750,00 €.

7. Organometallic and homogeneous catalysis (2014 SGR 670). DURSI-AGAUR. 2014-16. PI: C. Claver and M. Diéguez. 48.000,00 € + 30.712,33 € from the URV.

8. Innovative approaches to sustainable an cost-effective discovery of chiral catalysts for fine chemistry (CTQ2013-40568P). 2014-16. Spanish Ministry. PI: Diéguez. 85.910,00 €.

9. Catalytic routines for small molecule activation (CM1205). COST- European Cooperation in Science and Technology. 2014-18. PI: Diéguez. 540.000,00 €.

10. Sustainable development of smart chiral metal-catalysts for industrial processes (CTQ2010-15835). 2011-13. Ministerio de Educación. PI: Diéguez. 129.470,00 €.

C.3. Contracts, technological or transfer merits, Include patents and other industrial or intellectual property activities

1. ***Contract*** Research Agreement with Bayer AG (Germany). Contract number: T22419S. Date: 04/11/2022 – 31/01/20024. PI: M. Diéguez. 16.000 €.
2. ***Contract*** with Bayer AG-Germany (T22420S). Catalyst modifications for hydrogenation. 1/03/2024- 28/3/2025. PI: Diéguez. 92.765,86€.
3. ***Contract*** with Bayer AG-Germany (T22421S). Catalyst immobilization for hydrogenation. 29/03/2025- 28/3/2026. PI: Diéguez. 92.865,86€.
4. ***Patent***: Schotes, C.; Biosca, M.; de la Cruz-Sánchez, P.; Pàmies, O.; Diéguez, M. Enantioselective hydrogenation of 4-substituted 1,2-dihydroquinolines in the presence of a chiral iridium (P,S)-ligand catalyst. (Bayer/URV). WO 2025/021733 A1.

CURRICULUM VITAE ABREVIADO (CVA)

***IMPORTANT** – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.*

Part A. PERSONAL INFORMATION

First name	Jordi		
Family name	Ribas Ariño		
Gender (*)	Male	Birth date	27/02/1979
ID number	ID number: 46358452C		
e-mail	j.ribas@ub.edu	URL Web: http://www.ub.edu/gem2/ribas.html	
Open Researcher and Contributor ID (ORCID) (*)		0000-0003-4088-6187	

(*) Mandatory

A.1. Current position

Position	Associate professor (Professor Agregat)		
Initial date	27/11/2015		
Institution	Universitat de Barcelona		
Department/Center	Materials Science and Physical Chemistry & IQTCUB		
Country	Spain	Teleph. number	934021230
Key words	Theoretical and computational chemistry, molecule-based materials, magnetism, conductivity, electronic structure, switchable materials, mechanochemistry, electric fields		

A.2. Previous positions (research activity interuptions, indicate total months)

Period	Position/Institution/Country/Interruption cause
2007-2008	Humboldt Fellow, Ruhr-Universität-Bochum (Germany)
2008-2009	Beatriu de Pinós Fellow, Ruhr-Universität-Bochum (Germany)
2009-2010	Research Associate, Ruhr-Universität-Bochum (Germany)
20010-2015	Ramón y Cajal researcher, Universitat de Barcelona

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Licensed in Chemistry	Universitat de Barcelona (with honors)	2002
PhD in Chemistry	Universitat de Barcelona (with honors)	2006

(Include all the necessary rows)

Part B. CV SUMMARY *(max. 5000 characters, including spaces)*

Jordi Ribas is a member of the Institute of Theoretical and Computational Chemistry of UB which currently has the *María de Maeztu* excellence distinction. His current research interests concern the development and application of theoretical and computational modelling tools to i) assist in the rational design of multifunctional molecule-based materials (both molecular crystals and 2D organic materials) for magnetic and optoelectronic applications, ii) assist in the design of smart molecule-based materials whose physical properties can be modulated by means of electric fields and mechanical stress, iii) to predict the most optimal way in which electric fields or external mechanical forces should be applied to promote reactions. He is currently principal investigator of a national project (PID2023-149691NB-I00) and is involved in two other national projects (TED2021-132550B-C21 and CEX2021-001202-M) and one regional project (2021SGR00354). He was previously a team member of other national/regional projects (MAT2011-25972, MAT2014-54025-P, CTQ2017-87773-P, MDM-2017-0767, 2017SGR348) and the principal investigator of another one (PID2020-117803GB-I00).

He has a solid command on DFT and correlated wavefunction electronic structure calculations (both in isolated molecules and solid state), model Hamiltonians, statistical mechanics, molecular dynamics simulations and machine-learning protocols. He has also experience in coding and scripting. His main research achievements include: i) devising a theoretical and conceptual framework to understand how external mechanical forces can promote chemical reactions (1 *Angew Chem Int Ed*, 1 *Chem Rev*); ii) demonstration of the key role played by polymer chains in transducing external forces to mechanophores (1 *JACS*); iii) discovery that mechanical stress favor conformations of disulfide bridges that are shielded against nucleophilic attacks (1 *Nat Chem*); iv) discovery that mechanical forces applied to disulfide bridges in alkaline solution can promote competition between different reaction mechanisms (1 *Angew Chem Int Ed*, 1 *Nat Chem*); v) discovery of the key role of thermal fluctuations in shaping the structural and magnetic properties of pi-radical based materials (1 *Nat Commun*., 1 *Chem Sci*., 1 *Chem Eur J*., 2 *J Mater Chem C*); vi) unravelling of the origin of the hysteresis in spin transitions of some organic radicals (1 *JACS*, 1 *Chem Eur J*.); vii) demonstration of the prime role played by intermolecular interactions in tuning the spin-crossover behavior of Fe^{II} complexes (1 *Phys Chem Chem Phys*., 1 *Inorg Chem*); viii) development of algorithms to find the optimal direction in which an electric field should be applied to drive a reaction (1 *J. Chem Theory Comput*, 1 *J. Chem Phys*); ix) demonstration that the electronic structure of 2D Covalent Organic Radical Frameworks (2D-CORFs) can be modulated by mechanical means (1 *Nat Commun*, 1 *Adv Funct Mater*); x) discovery of emergent spin frustration in doped 2D-CORFs (1 *JACS*); xi) development of a new representation for predicting magnetic exchange couplings through machine-learning (1 *Digital Discovery*).

In addition to the previous articles, he has other publications in high-profile journals: 2 *JACS*, 2 *Angew Chem Int Ed*, 2 *Phys Rev Lett*, 4 *Chem Sci*, 1 J. Mater. Chem. A, 4 *J. Mater. Chem C*, 5 *Chem Commun*, and 9 *Chem Eur J*. Overall, he has more than 120 published articles, which have received more than 3.300 citations, conferring him with an *h*-index of 33. He has 3 "sexenios de investigación" (last one obtained in 2020). He has also published one dissemination article for the Catalan Chemical Society.

Several of the published articles are the result of joint efforts with international theoretician (*M. Shiga*, Japan; *D. Marx*, Germany; *R. Broer*, Netherlands) and experimental collaborators (*M.M. Turnbull*, USA; *J.S. Miller*, USA; *C.P. Constantinides*, USA). He has been visiting scientist at the University of Sassari (Italy), at the Center for Computational Science of the Japan Atomic Energy Agency, and at the Wrocław University (Poland). Collaborators at the national level include: Prof. S.T. Bromley (ICREA), Prof. C. de Graaf (ICREA), Prof. J.M. Bofill (UB), Prof. G. Aromí (UB), Prof. C. Sousa (UB), Dr. I. d.R.P. Moreira (UB), Dr. J. Cirera (UB), Dr. S. Vela (CSIC) and Dr. M. Fumanal (UB).

He has co-supervised three PhD theses. He served as M. Fumanal's host during his postdoctoral stay as a Beatriu de Pinós fellow at UB (M. Fumanal is currently a Ramón y Cajal researcher). He was also involved in the PhD theses of S. Vela, C. Roncero and T. Francese, the latter in the context of an Innovative Training Network–European Joint Doctorate. He is currently co-supervising 3 PhD theses. In his supervisory duties, he strives to ensure that trainee researchers acquire the necessary skills to pursue a scientific career, whether in the academic or private sector. Furthermore, he has supervised 9 Master theses. He has given 15 invited talks and 11 oral communications in international seminars and conferences.

Part C. RELEVANT MERITS

C.1. Publications

Note that the corresponding author(s) of each publication of the following list is underscored.

1. K. Jutglar-Lozano, M. Deumal, J. Ribas-Ariño, S. T. Bromley, 'Rational design of electric field-responsive building blocks for all-organic 2D magnetoelectric materials', *J. Am. Chem. Soc.*, **2025**, *147*, 22550-22561. *Times cited*: 3

2. R. Santiago, M. A. Carvajal, J. Poater, I. de P.R. Moreira, S.T. Bromley, M. Deumal, J. Ribas-Ariño, 'Rational design of organic diradicals with robust high-spin ground state based on antiaromatic linkers', *Chem. Sci*., **2025**, 16, 430-447

3. C. Roncero-Barrero, M.A. Carvajal, J. Ribas-Ariño, I. de P.R. Moreira, M. Deumal, 'Understanding trends in conductivity in four isostructural multifunctional crystals of Se substituted bis-dithiazolyl radicals', *J. Mater. Chem. C*, **2024**, *12*, 468-480. *Times cited*: 4

4. I. Alcón, J. Ribas-Ariño, I.d.P.R. Moreira, S.T. Bromley, 'Emergent Spin Frustration in Neutral Mixed-Valence 2D Conjugated Polymers: A Potential Quantum Materials Platform', *J. Am. Chem. Soc.* **2023**, *145*, 5674−5683. *Times cited*: 9

5. J.M. Bofill, W. Quapp, G. Albareda, I. de P.R. Moreira, J. Ribas-Ariño, 'Controlling Chemical Reactivity with Optimally Oriented Electric Fields: A Generalization of the Newton Trajectory Method', *J. Chem. Theory Comput*. **2022**, *18*, 935−952. *Times cited*: 10

6. I. Alcón, R. Santiago, J. Ribas-Arino, M. Deumal, I. de P. R. Moreira, S. T. Bromley, 'Controlling pairing of π-conjugated electrons in 2D covalent organic radical frameworks via in-plane strain', *Nat. Commun*., **2021**, 12:1705. *Times cited*: 35

7. M. Deumal, S. Vela, M. Fumanal, J. Ribas-Ariño, J.J. Novoa, 'Insights into the magnetism and phase transitions of organic radical-based materials', *J. Mater. Chem. C*, **2021**, 9, 10624-10646. *Times cited*: 45

8. P. Dopieralski, J. Ribas-Ariño, P. Anjukandi, M. Krupicka, D. Marx, 'Unexpected mechanochemical complexity in the mechanistic scenarios of disulfide bond reduction in alkaline solution'. *Nat. Chem*. **2017**, 9, 164–170. *Times cited*: 72

9. M. Fumanal, F. Mota, J.J. Novoa, J. Ribas-Arino, 'Unravelling the key driving forces on the spin transition in π-dimers of spiro-biphenalenyl-based radicals', *J. Am. Chem. Soc*. **2015**, 137, 12843–12855. *Times cited*: 19

10. S. Vela, F. Mota, M. Deumal, ..., J.J. Novoa, J. Ribas-Arino, 'The key role of vibrational entropy in the phase transitions of dithiazolyl-based bistable magnetic materials'. *Nat. Commun.* **2014**, 5:4411. *Total number of authors*: 10. *Position in the author list* (10/10). *Times cited*: 59

C.2. Congress

1) Oral communication. J. Ribas-Ariño, K. Jutglar, M. Deumal, S.T. Bromley, 'Towards electric-field gateable magnetism in 2D organic materials'. *38th European Conference on Surface Science*. Braga (Portugal), August **2025**
2) Oral communication. J. Ribas-Ariño, K. Jutglar, M. Deumal, S.T. Bromley, 'Control of magnetic interactions in diradicals and 2d organic materials by means of electric fields'. *Platform for Advanced Scientific Computing conference* (*PASC2025*). Brugg (Switzerland), June **2025**
3) Invited conference. J. Ribas-Ariño, M. Severi. W. Quapp, G. Albareda, I.d.P.R. Moreira, J.M. Bofill, 'Optimal use of oriented external fields to control reactivity'. *Molecular Electronic Structure* (*MES2024*) conference. Pescara (Italy), September **2024**
4) Oral communication. J. Ribas-Ariño, K. Jutglar, M. Deumal, S.T. Bromley, 'Towards electric-field gateable magnetism in 2D organic materials'. *Graphene2024* conference. Madrid (Spain), June **2024**
5) Oral communication. J. Ribas-Ariño, I. Alcón, I.d.P.R. Moreira, S.T. Bromley, 'Emergent spin frustration in 2D covalent organic radical frameworks: a potential quantum materials platform'. *Flatlands – Beyond graphene 2023*. Prague, September **2023**
6) Oral communication. M. Deumal, J. Ribas-Ariño, 'Solid-state effects on the singlet-triplet energy gaps of switchable diradicals'. *10th European Workshop on Theoretical Approaches of Molecular Magnetism*. Erquy (France), June **2022**
7) Invited conference. I. Alcón, R. Santiago, M. Deumal, I.d.P.R. Moreira, S.T. Bromley, J. Ribas-Ariño, 'Mechanical Control of the Electronic States in 2D Covalent Organic Radical Frameworks'. *Vietnam-Taiwan Joint Symposium on Applied Science and Emergent 2D Materials (ASEM 2022).* Online, April **2022**
8) Invited conference. S. Vela, M. Deumal, F. Mota, J.J. Novoa, J. Ribas-Ariño. 'Spin transition in dithiazolyl-based switchable materials'. *Seminars of Centro de Nanociencias y Nanotecnología de la Universidad Nacional Autónoma de México.* Ensenada (Mexico). April **2019**.

9) Oral communication. S. Vela, M. Deumal, F. Mota, J.J. Novoa, J. Ribas-Ariño. 'Spin transition in dithiazolyl-based switchable materials'. *Chemistry Today for Tomorrow.* Sofia (Bulgaria), February **2019**

10) Invited conference. P. Dopieralski, P. Anjukandi, M. Krupicka, D. Marx, J. Ribas-Ariño. 'The Complex Mechanochemistry of Disulfide Bond Reduction in Alkaline Solution'. *Seminars of the Faculty of Chemistry of the University of Strasbourg*. Strasbourg (France), January **2018**

C.3. Research projects

1. Reference: PID2023-149691NB-I00**. Title**: *Open-shell molecule-based materials: understanding and predicting structure and physical properties through computational modelling*. **Principal Investigator**: J. Ribas and M. Deumal. **Funding Agency:** *Ministerio Ciencia, Innovación y Universidades*. **Duration**: 2024-2027. **Funding awarded**: 130.000 €. **Type of participation**: PI

2. Reference: 2021 SGR 00354**. Title**: OPen-shell ELectronic SYStems - OPELSYS. **Principal Investigator**: Mercè Deumal i Solé. **Funding Agency:** *Agència de Gestió d'Ajuts Universitaris i de Recerca* (AGAUR). **Duration**: 2023-2025. **Funding awarded**: 40.000€. **Type of participation**: Researcher

3. Reference: TED2021-132550B-C21**. Title**: *Computational modelling of the structures, properties and electroreactivity of electrodes functionalised with electroactive molecules*. **Principal Investigator**: Stefan T. Bromley. **Funding Agency:** *Ministerio de Ciencia, Innovación y Universidades*. **Duration**: 2023-2024. **Funding awarded**: 132.480€. **Type of participation**: Researcher

4. Reference: CEX2021-001202-M. **Title**: *Apoyo a Unidades de Excelencia María de Maeztu to IQTCUB - Institut de Química Teòrica i Computacional* - UB. **Principal Investigator**: Eliseo Ruiz. **Funding Agency**: *Ministerio de Ciencia, Innovación y Universidades*. **Duration**: 2023-2026. **Funding awarded**: 2.000.000€. **Type of participation**: Researcher

5. Reference: PID2020-117803GB-I00**. Title**: *Open-shell molecule-based materials: understanding and predicting structure and physical properties through computational modelling*. **Principal Investigator**: J. Ribas and M. Deumal. **Funding Agency:** *Ministerio de Innovación y Ciencia*. **Duration**: 2021-2024. **Funding awarded**: 121.000 €. **Type of participation**: PI

6. Reference: CTQ2017-87773-P/AIM/FEDER**. Title**: *Diseño racional desde una perspectiva computacional de materiales basados en radicales orgánicos con propiedades de interés tecnológico*. **Principal Investigator**: M. Deumal and J. J. Novoa. **Funding Agency:** *Ministerio de Economia, Industria y Competitividad*. **Duration**: 2018-2021. **Funding awarded**: 104.060€. **Type of participation**: Researcher

7. Reference: MDM-2017-0767**. Title**: *Apoyo a Unidades de Excelencia María de Maeztu* to IQTCUB - *Institut de Química Teòrica i Computacional* - UB. **Principal Investigator**: Francesc Illas. **Funding Agency:** *Ministerio de Economia, Industria y Competitividad*. **Duration**: 2018-2022. **Funding awarded**: 2.000.000€. **Type of participation**: Researcher

8. Reference: MAT2014-54025-P**. Title**: *Mecanismo de transición de fase e interacción magnética en cristales moleculares magnéticos que presentan transiciones de spin*. **Principal Investigator**: J.J. Novoa and M. Deumal. **Funding Agency:** Ministerio de Ciencia e Innovación. **Duration**: 2015-2017. **Funding awarded**: 80.000€. **Type of participation**: Researcher

9. Reference: TCCM 642294**. Title**: Sello de Grupo de Calidad al *Grup d'Estructura de Materials Moleculars.* **Principal Investigator** at UB: J.J. Novoa; **Coordinator:** Manuel Yañez (UAM). **Funding Agency:** European Commission. **Duration**: 2015-2018. **Funding awarded**: 3.700.000€. **Type of Program:** Promotion of co-supervised doctorates in Theoretical and Computational Chemistry among 14 European universities participating in the project (UB had 2 doctoral students co-supervised with two other universities). **Type of participation**: Researcher

Mª Elena Fernández, is Professor at the University Rovira i Virgili, and Group Leader of CatBorChem research group (https://www.catborchem.recerca.urv.cat/en/). The main achievements in Elena Fernández's group have been published in 157 articles of prestigious international journals, as well as 17 chapters of books, and 4 patents, being one under exploitation. Her leadership in the field enabled her to edit two books and two special issues. Her expertise has also been recognized through the significant number of invitations to be key or invited speaker and plenary lecturer at National and International Meetings or Seminars. She drives an active campaign to transfer the knowledge to industry being invited as visiting lecturer and consultant. She has been involved in organization of scientific meetings for instance Chair at XXXII (GEQO)-Tarragona, 2014. Since 2000, she has supervised 21 PhD students. Currently she has accepted to be *Vice-President* of RSEQ, *President* of ACCUA (del Comité Científico-Técnico de Evaluación del Sistema Andaluz in Chemistry from 2000, *President* of Comissió Avaluació Recerca-AQU in Science. She is IP of financed research projects since 2007.