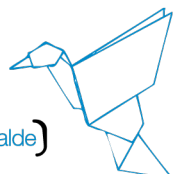
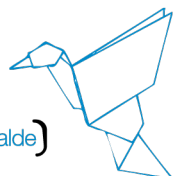


Postdoctoral Fellow in Concentrate project

Job Offer	
Topics:	The Basque Center for Applied Mathematics- BCAM, is launching one Postdoctoral position of two consecutive years: one year in the Mathematics Department at The University of Warwick (Coventry), and the following year in Applied Analysis group (AA) at BCAM, under the supervision of Prof. Arghir Zarnescu (BCAM Bilbao) and Prof. Filip Rindler (Warwick). This 2-year opportunity is separated into 2 consecutive 1-year contracts. You will spend first year working at the University of Warwick based at their Coventry Campus, England, and then the second year working at BCAM Bilbao, based in Bilbao, northern Spain. The successful candidate will be required to make visits to the other respective institution within each year. As this opportunity it split into 2 consecutive 1-year contracts, the successful candidate will be required to undertake pre-work employment checks with both institutions and that terms and conditions of employment will differ between the 2 employers, as 1 contract is with University of Warwick and 1 contract is with BCAM. Work with Prof. Filip Rindler (Warwick) and Prof. Arghir Zarnescu (BCAM Bilbao) and collaborators in the newly-established BCAM-Warwick Joint Lab on Mathematical Material Science and the ERC Project* "CONCENTRATE - Concentration Phenomena in Nonlinear PDEs and Elastoplasticity Theory". You will spend one year working in Warwick and then one year working at BCAM Bilbao, with visits to the respective other institution in each year. The BCAM-Warwick Joint Lab on Mathematical Material aims to create an international cluster around Mathematical Material Science. The core objectives of this strategic partnership are the development of new models for materials science and their analysis. You have excellent expertise in one of the core areas of the project, which is situated at the intersection of Nonlinear PDE Theory, the Calculus of Variations, and Geometric Measure Theory. Additionally, you have some background in

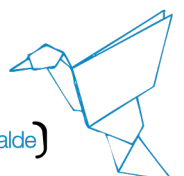


	(mathematical) Continuum Mechanics or are willing to learn its elements while participating in the project. You can work effectively in a larger research group and have the ability to communicate its results to the wider research community. * Selected by the ERC, funded by UKRI due to temporary non-association to Horizon Europe.
PI in charge:	Prof. Arghir Zarnescu (BCAM Bilbao) and Prof. Filip Rindler (Warwick).
Salary and conditions:	During the contract year at The University of Warwick, the gross annual salary of the Fellowship it is established £35,605 - £46,049, according to experience. View the Relocation Package During the contract year at BCAM, the gross annual salary of the Fellowship will be 32.939 - 37.331€ according to experience. It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency. Additionally, we offer a moving allowance up to 2.000€. Should the researcher have a family at the time of recruitment: 1. 2.000€ gross in a single payment will be offered (you must be married-official register or with children and the certificate to prove it must be sent). 2. 1.200€ gross per year/per child (up to 2 children) will be offered (the certificate to prove it must be sent). <i>Free access to the Public Health System in Spain is provided to all employees.</i>
Contract and offer:	2 years: 1 year at The University of Warwick, and 1 year at BCAM



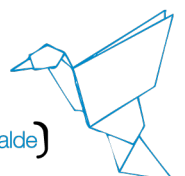
Deadline:	15/12/2025 11:55 pm (UK Time)
How to apply:	Applications must be submitted on-line at: https://warwick-careers.tal.net/vx/appcentre-ext/brand-4/spa-1/candidate/so/pm/1/pl/3/opp/3504-Research-Fellow-111047-1125/en-GB

Scientific Profile Requested	
Requirements:	Applicants must hold a PhD or equivalent in Mathematical Analysis (in particular, Nonlinear PDE Theory, Calculus of Variations or Geometric Measure Theory)
Skills and track-record:	• Good effective communication (oral and written) skills, presentation and training skills • Fluency in spoken and written English. • Ability to work independently and as part of a collaborative research team. • A proven track record in Mathematics. • Ability to initiate, develop and deliver high quality research and to publish in peer reviewed journals • Evidence of quality research output from experienced candidates or strong research potential from less experienced candidates • Experience in Continuum Mechanics or Material Science.
Scientific Profile:	Engage with and enhance the research environment within the department and BCAM centre, and further their world-leading reputation by performing individual and collaborative research that is internationally excellent. 1. Contribute positively on delivering the research objectives of the Joint Lab on Material Science. 2. Publish research outcomes in appropriate journals and disseminate the work via conferences, seminars, and research visits. 3. Work collaboratively with other group members, and wider academic collaborators. 4. To participate in relevant professional activities, such as (but not limited to) departmental research seminars.



	- To participate in the organisation of research workshops and other events. - Participate in public engagement events (during normal working hours). - Undertake some very limited teaching activities, such as being a teaching assistant for an advanced (graduate-level) module. The duties and responsibilities outlined are not intended to be an exhaustive list but provide guidance on the main aspects of the job. The postholder will be required to be flexible in their duties.
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Application and Selection Process	
Formal Requirements:	The selected candidate must have applied before the application deadline online at the webpage: https://warwick-careers.tal.net/vx/appcentre-ext/brand-4/spa-1/candidate/so/pm/1/pl/3/opp/3504-Research-Fellow-111047-1125/en-GB <i>*Only one application is required for this role, a separate application at BCAM is not necessary.</i> The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile. Additional documents could be requested during the evaluation process so as to check this fulfilment.
Application:	Required documents: - CV should include: your education and employment history and Any other relevant experience - A list of publications and a research statement (please include these on the same document) 3 referees send their references by email by the deadline to Alison Glendinning (Senior Administrative Assistant, Department of Mathematics, University of Warwick) at MathematicsPA@warwick.ac.uk



Evaluation:	Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (papers, proceedings, etc.), the statement of past and proposed future research and other merits; taking in account the alignment of these items to the topic offered
Incorporation:	<i>Flexible, by September 1, 2026 at Warwick University and by September 1st 2027 at BCAM, Spain.</i>

