

Open position for Scientific Director of the Basque Center for Applied Mathematics, BCAM, Bilbao

BCAM, Basque Center for Applied Mathematics, is a **research institute** based in Bilbao that performs **interdisciplinary research in the frontiers of mathematics**. The Center was created with the support of the Basque Government, the University of the Basque Country and Ikerbasque, the Basque Foundation for Science. BCAM is part of the network of Basque Excellence Research Centers (BERC) and has been selected as one of the Severo Ochoa Excellence Centers in Spain.

BCAM develops frontier research and translational excellence in the field of mathematics and its applications. The Center bridges the interest of basic research in mathematics closer to the productive and service sectors of our society. Embedded in a multicultural environment, BCAM provides the right atmosphere for research and promotes the creation of hard-working international and interdisciplinary teams.

BCAM's scientific program is currently structured in five research areas covering various fields of Applied Mathematics: Computational Mathematics, Mathematical Modelling with Multidisciplinary Applications, Mathematical Physics, Analysis of Partial Differential Equations Statistics and Data Science.

BCAM is about to complete its 10th year Anniversary having successfully settled its consolidation phase. BCAM is now looking for a **new Scientific Director** that will lead the future development of the Center. The new Scientific Director must prove excellent scientific qualities paired with human resources leadership, that will support the development of the center in the years to come. Applicants should have a strong scientific background in any of the areas of expertise of the Center.

The Scientific Director must be a person with a proven research track record in the area of mathematics and at least 15 years research experience after the completion of her/his PhD. She/he should also have experience in management (of projects, groups, centers or departments) and have international reputation in the field. Candidates may also demonstrate a record of invited presentations in well-established international conferences, granted projects, awards, prizes etc.

The position offers a competitive salary and excellent work conditions. The envisaged start date will be early 2019 (or at the earliest convenience of the appointed candidate). Only candidates with a solid research track, senior level and international research experience will be considered.

Duties and responsibilities

Reporting to the Board and to the Scientific Advisory Committee (ISAC) of the research center, the Scientific Director as leader of the research center will:

- Implement the strategy for the 2018 – 2021 period.
- Define the long term research strategy and research lines of the center.
- Propose and deploy the annual scientific plan of the center.
- Set and be responsible for the accomplishment of the overall objectives of the center.
- Obtain national and international research funding.
- Identify and attract the necessary research personnel at senior and junior level, with a special commitment to coaching and mentoring of research group leaders.
- Develop the international research connections of the center.
- Be capable and skilled at media relations and public speaking with both scientific and lay audiences.

Position Requirements

Recognised scientific excellence in the field of mathematics:

- The Scientific Director should be a person with at least 15 years research experience after the completion of her/his PhD and a proven track record in applied mathematics, in particular in one of the current strategic research areas of BCAM: Computational Mathematics, Mathematical Modelling with Multidisciplinary Applications, Mathematical Physics, Analysis of Partial Differential Equations Statistics and Data Science.
- Leadership in human resources in science – at least 5 years' track record in managing science and research teams at various levels and skills and experience in supporting and nurturing new scientists. Only applicants with a proven capacity and talent to manage human resources will be considered.
- Demonstrated experience and a long-term successful track record in obtaining research funding and managing and directing scientific research programmes, including a commitment to scientific excellence, enthusiasm and innovative

thinking necessary to facilitate and foster research efforts at the forefront of science.

- Strong sense of responsibility, initiative and self-motivation along with an ambition to develop the research center to a world-class standard.
- Proven capacity to make decisions, both at strategic and operational level.
- Language: English proficiency

Recruiting Process

Applications:

Interested candidates should send a letter of interest, including a brief description of their research and leadership experience and CV to: bcam@ikerbasque.net.

- Opening date: June 1st, 2018.
- Closing date: *September 21st, 2018 (17:00 PM, CET)*.

Selection procedure:

1. Collection of CVs until the end of the call.
2. Pre-screening of candidates by the Selection Committee.
3. Interviews with preselected candidates by the Selection Committee in Bilbao.
4. Final appointment: decision by the Board.

Appointment:

- Competitive salary commensurate by experience.
- Appointment to start in early 2019 or at the earliest convenience of the selected candidate.