

17 May 2022

ARC CBBC seeks additional Members

The Advanced Research Center Chemical Building Blocks Consortium (ARC CBBC) is looking for experts in plasma physics, and high pressure catalyst testing technology in order to complement the Membership community of the research consortium.

Interested researchers from Dutch universities and knowledge institutes can apply for an ARC CBBC Membership until the 13th of June 2022. The aim is to select the best researchers from scientific and R&D communities in the Netherlands within the fields of expertise as defined below. ARC CBBC Members are invited to form teams and propose project plans. Moreover, they will gain access to further in-depth discussions with fellow Members and the companies involved. Participation in ARC CBBC projects is only possible with a Membership.

Deadline for application: 13 June 2022

Fields of expertise

For this membership call, ARC CBBC is exclusively seeking candidates within the following fields of expertise:

- Fundamental research on the physics and chemistry of plasma-surface interaction to develop plasma assisted processes for the production of green chemicals
- Ultra-high pressure and/or temperature (operando) testing for performing catalytic (kinetic) experiments
- Computational & theoretical chemistry to model and predict the surface composition of catalysts

Assessment criteria

The consortium is looking for both experienced and starting candidates. Starting group leaders are particularly encouraged to apply.

We are searching for candidates who:

- are excellent academics, as is demonstrated by scientific publications of international standing and/or other achievements (e.g. patents, software, teaching, etc.) within one of the aforementioned fields of expertise;
- are in the top 10% of their international peer group;
- inspire enthusiasm for research and/or technology and are successful supervisors of PhD candidates;
- have successfully developed or are in the process of developing their own new, innovative line of research;
- have a permanent or tenure track position at a Dutch university or research institute eligible for NWO funding;
- have a track record in collaborating with industry;
- are prepared to invest time and energy into the consortium's activities.

ARC CBBC actively seeks to become a center that hosts a diverse and inclusive community. Therefore, we welcome applicants with a variety of backgrounds and perspectives.

About ARC CBBC

[ARC CBBC](#) is the research consortium of the universities of Utrecht, Groningen, Eindhoven, private companies, AkzoNobel, BASF, Shell and associated universities. The consortium undertakes fundamental scientific research to enable the energy-, feedstock-, and materials transition. These research projects are carried out at eleven universities and institutes across the Netherlands. ARC CBBC is supported by the Netherlands Organisation for Scientific Research (NWO), the Ministry of Economic Affairs and Climate Policy, and TKI/Holland Chemistry.

Procedure

You can submit your application to Juliette Meyberg at office@arc-cbbc.nl, before the 13th of June 2022. An application includes a Curriculum vitae and a motivation letter (CV + letter in total max. 4 pages). Please state in your application for what field of expertise you are applying.

The ARC CBBC Executive Board will make the final decision regarding the new Members in Q3 of this year. They are being advised by the international and independent Scientific Advisory Board, which is an international group of outstanding academic experts, who are leaders in their own fields of research. For more information, click the link to see the [compositions of our Boards](#).

Eligible applicants

Full, associate and assistant professors and other researchers with a comparable position may submit an application for ARC CBBC Membership if they have a tenured position (and therefore a paid position for an indefinite period) or a tenure track agreement at one of the following knowledge institutions:

- universities and university medical centres located in the Kingdom of the Netherlands;
- Royal Netherlands Academy of Arts and Sciences (KNAW) and NWO institutes;
- Netherlands Cancer Institute - NKI;
- Max Planck Institute for Psycholinguistics in Nijmegen;
- NCB Naturalis;
- Advanced Research Center for NanoLithography (ARCNL);
- Princess Máxima Center.

Persons with a zero-hour employment agreement or with a contract for a limited period of time (other than a tenure track appointment) may not submit an application.

New Members who are not affiliated with one of the three ARC CBBC academic hubs or with the aforementioned associated universities/institutes will have to sign an Accession Agreement to adhere to the ARC CBBC procedures and regulations. The Membership is granted for a period of five years. After five years, the Membership is re-evaluated by the Scientific Advisory Board. Moreover, an ARC CBBC Membership is awarded to individuals, not to research groups.

Information and questions

Check our website for more information on [ARC CBBC](#), and on [all current Members](#). Do not hesitate to send us an email if you have any questions regarding this Membership. You can direct it to the ARC CBBC project manager Dr. Anne-Eva Nieuwelink through office@arc-cbbc.nl.