Call for Applications

of **December 22nd, 2022**

***liv*MatS Junior Research Group Program**

**Bioinspired Materials Concepts**

by the Cluster of Excellence *Living, Adaptive and Energy-autonomous Materials Systems* (*liv*MatS), University of Freiburg

Annex 1: Application template

*[Please note: This page can be deleted at the end.]*

Call for applications of December 22nd, 2022

***liv*MatS Junior Research Group Program**

**Bioinspired Materials Concepts**

by the Cluster of Excellence *Living, Adaptive and Energy-autonomous Materials Systems* (*liv*MatS), University of Freiburg

Application from [name of the candidate]

Application title: …

Content

[1. Overview of the application 1](#_Toc99713092)

[1.1 Candidate and thematic focus 1](#_Toc99713093)

[1.2 Candidate 2](#_Toc99713094)

[1.3 Planned research program in brief 3](#_Toc99713095)

[2. Motivation (max. 1 page) 4](#_Toc99713096)

[2.1 Motivation to join the Cluster of *Excellence Living, Adaptive and Energy-autonomous Materials Systems* (*liv*MatS) and the University of Freiburg 4](#_Toc99713097)

[3. Curriculum vitae (max. 3 pages) 5](#_Toc99713098)

[4. Description of the planned work program (max. 7 pages) 8](#_Toc99713099)

[4.1 State of the art and preliminary work 8](#_Toc99713100)

[4.2 Objectives 8](#_Toc99713101)

[4.3 Work program including proposed research methods and short outline of a project for a doctoral researcher 8](#_Toc99713102)

[4.4 Long-term research plans 8](#_Toc99713103)

[5. Financial plan 9](#_Toc99713104)

[5.1 Direct costs of the planned research program 9](#_Toc99713105)

[6. Publications and patents 10](#_Toc99713106)

[6.1 Publication metrics 10](#_Toc99713107)

[6.2 Three selected key publications (general) 10](#_Toc99713108)

[6.3 Three selected key publications (in relation to proposed work program) 10](#_Toc99713109)

[6.4 Publication list 10](#_Toc99713110)

[6.5 Patents (if applicable) 11](#_Toc99713111)

[7. Declaration by the candidate 12](#_Toc99713112)

[8. Letters of reference 13](#_Toc99713113)

[9. Copies of your university degrees 14](#_Toc99713114)

# 1. Overview of the application

## Candidate and thematic focus

|  |  |
| --- | --- |
| **Name of the candidate** |  |
| **Name of the university / institution / country** where the candidate is currently employed |  |
| **Application title** |  |
| **Research topics of *liv*MatS** to which the proposal is related |  |
| **Keywords in English.**  *[Please enter up to six text keywords that you believe best characterize the scope of your proposed research. The choice of keywords should take into account any multi-disciplinary aspects of the proposal.]* |  |

## 1.2 Candidate

|  |  |
| --- | --- |
| **Name of the candidate** |  |
| **Nationality** |  |
| **Year\*, country and place of birth** | * yyyy * Country of birth * Place of birth |
| **Short CV** (max. 700 characters)  *[Please name the main workplaces, include career and research highlights and indicate durations.]* | * mm/yyyy – mm/yyyy: * mm/yyyy – mm/yyyy: * mm/yyyy – mm/yyyy: * mm/yyyy – mm/yyyy: |
| **Career breaks** (if applicable) *[Please indicate the reason and duration]* | * mm/yyyy – mm/yyyy: * mm/yyyy – mm/yyyy: |
| **Summary of up to five prizes, awards, and other forms of academic recognition**  *[Please indicate the dates.]* | * mm/yyyy: * mm/yyyy: |
| In the case of candidates of German nationality: **International research experience**  *[Please indicate the duration for which you worked at foreign research institutions.]* | * mm/yyyy – mm/yyyy: * mm/yyyy – mm/yyyy: |

*\*We are aware of age discrimination issues, but the year of birth is a basic reference for the assessment of the career development.*

## 1.3 Planned research program in brief

|  |
| --- |
| **Summary in English** (max. 2000 characters including spaces and line breaks).  *[Please formulate this summary to be comprehensible to scientists without expertise in your field. The summary should provide the reader with a clear understanding of the objectives of the planned work program and how they will be achieved.]* |
|  |

# 2. Motivation (max. 1 page)

## 2.1 Motivation to join the Cluster of *Excellence Living, Adaptive and Energy-autonomous Materials Systems* (*liv*MatS) and the University of Freiburg

*[What unique research opportunities does livMatS provide for you? Which collaborations seem especially promising? Why do you want to join the University of Freiburg?]*

# 3. Curriculum vitae (max. 3 pages)

*[This CV template is broadly similar to the corresponding template for ERC grants. Please follow the template below as much as possible. It may however be amended if necessary.]*

|  |  |
| --- | --- |
| **Personal information** | |
| Family name, first name: | … |
| Title: | … |
| Nationality: | … |
| Country of residence: | … |
| Year of birth: | … |
| Place of birth: | … |
| ORCID ID or other Researcher ID: | … |
| **Contact address** | |
| Current organization name: | … |
| Current department / faculty / institute / laboratory name: | … |
| Street: | … |
| Postcode: | … |
| Town: | … |
| Country: | … |
| Phone: | … |
| E-Mail | … |
| **Education** | |
| mm/yyyy | PhD  Name of faculty / department, name of university / institution, country |
| mm/yyyy | Master  Name of faculty / department, name of university / institution, country |
| **Current position(s)** | |
| Since mm/yyyy | Current position  Name of faculty / department, name of university / institution / country |
| Since mm/yyyy | Current position  Name of faculty / department, name of university / institution / country |
| **Previous positions** | |
| mm/yyyy – mm/yyyy | Position held  Name of faculty / department, name of university / institution / country |
| mm/yyyy – mm/yyyy | Position held  Name of faculty / department, name of university / institution / country |
| **Selected fellowships and awards** | |
| mm/yyyy – mm/yyyy | Name of faculty / department, name of university / institution / country |
| mm/yyyy | Award received from name of institution / country |
| mm/yyyy – mm/yyyy | Scholarship, name of faculty / department, name of university / institution / country |
| **Supervision of graduate students and postdoctoral fellows** | |
| mm/yyyy – mm/yyyy | Number of Postdoc / PhD / Master’s students  Name of faculty / department / center, name of university / institution / country |
| **Selected teaching activities (if applicable)** | |
| Since mm/yyyy | Teaching position – topic, name of university / institution / country |
| mm/yyyy – mm/yyyy | Teaching position – topic, name of university / institution / country |
| **Invited lectures** | |
| mm/yyyy | Name of faculty / department, name of university / institution, country, topic |
| mm/yyyy | Name of faculty / department, name of university / institution, country, topic |
| **Organization of scientific meetings (if applicable)** | |
| yyyy | Please specify your role and the name of event / country |
| yyyy | Please specify your role and the name of event / country |
| **Institutional responsibilities (if applicable)** | |
| mm/yyyy – mm/yyyy | Faculty member, name of university / institution / country |
| mm/yyyy – mm/yyyy | Graduate student advisor, name of university / institution / country |
| mm/yyyy – mm/yyyy | Member of the faculty committee, name of university / institution / country |
| mm/yyyy – mm/yyyy | Organizer of the internal seminar, name of university / institution / country |
| mm/yyyy – mm/yyyy | Member of a committee; role, name of university / institution / country |
| **Reviewing activities (if applicable)** | |
| yyyy | Scientific advisory board, name of university/ institution/ country |
| yyyy | Review board, name of university / institution / country |
| yyyy | Review panel member, name of university / institution / country |
| yyyy | Editorial Board, name of university / institution / country |
| yyyy | Scientific advisory board, name of university / institution / country |
| yyyy | Reviewer, name of university / institution / country |
| yyyy | Scientific evaluation, name of university / institution / country |
| yyyy | Evaluator, name of university / institution / country |
| **Membership of scientific societies (if applicable)** | |
| yyyy | Member, research network “Name of Research Network” |
| yyyy | Associated member, name of faculty / department / center, name of university / institution / country |
| yyyy | Founding member, name of faculty / department /center, name of university / institution/ country |
| **Major collaborations (if applicable)** | |
| yyyy | Name of collaborators, topic, name of faculty/ department/ center, name of university/ institution/ country |
| **Career breaks (if applicable)** | |
| mm/yyyy – mm/yyyy | Please indicate the reason and the duration in months. |
| mm/yyyy – mm/yyyy | Please indicate the reason and the duration in months. |
| **Acquired third-party funding** | |
| mm/yyyy – mm/yyyy | Funding source, amount (Euros), role of the nominated candidate |
| mm/yyyy – mm/yyyy | Funding source, amount (Euros), role of the nominated candidate |

# 4. Description of the planned work program (max. 7 pages)

## 4.1 State of the art and preliminary work

*[Please explain briefly and precisely the state of the art in your field in its direct relationship to your planned work program. This description should make clear in which context you situate your own research and in what areas you intend to make a unique, innovative, promising contribution. This description must be concise and understandable without referring to additional literature.]*

## 4.2 Objectives

*[Please give a concise description of your research program and scientific objectives. What do you want to achieve in the next 5 years?]*

## 4.3 Work program including proposed research methods and short outline of a project for a doctoral researcher

*[Please give a detailed account of the steps planned during the next 5 years (work packages, milestones, time schedule).* *Please provide a short outline of a project for a doctoral researcher and a detailed description of the methods that you plan to use for the realization of the program (methods already available, methods to be developed, assistance needed from outside).]*

## 4.4 Long-term research plans

*[Please describe your research plans and your vision beyond the work program outlined in 4.3]*

# 5. Financial plan

## 5.1 Direct costs of the planned research program

*[To facilitate the assessment of resources, please use Table 1: Calculation of direct costs and provide a rough indication of the direct costs for the funding period with annual data on personnel costs, costs of materials and supplies, and investments. Keep in mind that the envisaged starting date of your group is until May 2023.*

*We have provided data on the annual costs for your position (100%, TV-L E14), a doctoral position (65%, TV-L 13) and a Lab Technician (50%, TV-L E9) in Table 2: Calculation aid for staff costs. The numbers here indicated the costs for the specified position for a full year (12 months). Please note that* ***funding for a doctoral position runs for 48 months******and indicate when you would like to implement the position in Table 1: Calculation of direct costs.****.*

***Table 1: Calculation of direct costs***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Direct costs\* in EUR** | **2023** | **2024** | **2025** | **2026** | **2027** | **2028** | **Sum** |
| **Personnel** |  |  |  |  |  |  |  |
| * *Candidate* |  |  |  |  |  |  |  |
| * *Doctoral Researcher* |  |  |  |  |  |  |  |
| * *Lab Technician* |  |  |  |  |  |  |  |
| **Other** *(e.g. investment, please specify)* |  |  |  |  |  |  |  |
| **Consumables** |  |  |  |  |  |  |  |
| **Total direct costs** |  |  |  |  |  |  |  |

*\*Important note: No funding will be granted for overheads.]*

**Table 2: Calculation aid for staff costs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Direct costs\* in EUR** | **2023** | **2024** | **2025** | **2026** | **2027** | **2028** |
| **Personnel** |  |  |  |  |  |  |
| * *Candidate (100%, TV-L E 14)* | 94.500 | 97.000 | 99.400 | 102.000 | 104.500 | 107.000 € |
| * *Doctoral Researcher (65%, TV-L E 13)* | 47.700 € | 48.900 € | 50.100 € | 51.400 € | 52.700 € | 54.000 € |
| * *Lab Technician (50%, up to TV-L E 9)* | 27.300 € | 28.000 € | 28.700 € | 29.400 € | 30.100 € | 30.800 € |

# 6. Publications and patents

## 6.1 Publication metrics

|  |  |
| --- | --- |
| Number of citable publications | … |
| Number of peer-reviewed publications | … |
| Number of citations (not including self-citations) | … |
| Number of publications with first authorship | … |
| Number of publications with corresponding authorship | … |
| i10-index | … |
| h-index | … |

*(Source: … , date of query: …)*

*[If applicable, you can describe particularities of publications metrics in your research field.]*

## 6.2 Three selected key publications (general)

*[Please list your three most significant publications in general.]*

## 6.3 Three selected key publications (in relation to proposed work program)

*[Please list your three most significant publications that relate directly to the proposed work program and document your preliminary work.]*

## 6.4 Publication list

*[Please use subdivisions that best match your preliminary work.]*

**Subdivision**

…

## 6.5 Patents (if applicable)

**Pending**

…

**Issued**

…

# 7. Declaration by the candidate

**I hereby consent to the Cluster of Excellence *Living, Adaptive and Energy-autonomous Materials Systems* (*liv*MatS) and the University of Freiburg …**

* storing the information provided upon submission of the application and using this data to process the application. In particular, this includes sending the application to external and internal reviewers.
* electronically storing and using data provided upon submission of the application for purposes of review, statistics, and evaluation.
* publishing – only in the event that the application is approved and after funding has started – my name and the title of the application.

Date, place

Signature

(Name of the nominated candidate)

*[Please note: Consent to the collection, processing, and use of private data is voluntary and can be revoked at any time for the future. Revocations can be sent to positions@livmats.uni-freiburg.de. In the event that the use of data is revoked, the data will be deleted or anonymized.]*

# 8. Letters of reference

*Please identify two referees to support your application and have them send a letter of reference each to* [*positions@livmats.uni-freiburg.de*](mailto:positions@livmats.uni-freiburg.de) *with reference to your application* by **February 28th, 2023**. **It is important that the letters of reference are sent to us directly by the referees.** We will not be able to accept letters of reference sent by yourself.

*We ask that these letters of reference be written in English. This will ensure that this part of the application can also be read by non-German-speaking experts.*

# 9. Copies of your university degrees

*[Please provide copies of your University degrees with grades (Master / Diploma certificate and transcript, doctoral certificate) and insert them in the final PDF document on the following page.* *It is not necessary to enter page numbers here.*

*We ask that you provide certified English translations of certificates in any language other than German, French, Italian, Spanish or English. This will ensure that this part of the application can be evaluated by reviewers and Human Resources.]*