

## ANNEX – APPLICATION FORM AIM-NEXT

[www.aimnext.eu](http://www.aimnext.eu)

Application form for the recruitment process of a 3-year PhD position in AIM-NEXT doctoral network funded by HORIZON-MSCA-2022-DN-01 – MSCA Doctoral Networks 2022 Call

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### Applicant information:

Name:

Surname:

Email address:

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### Requested position:

Please, tick the position where you would like to apply. In the case you want to apply to more than one position (maximum 3) indicate the order of preference adding a number in the box of each position, being 1 your preferred option.

Please, send the application form and attached documents to [aimnext@upc.edu](mailto:aimnext@upc.edu)

In doing so, indicate as email's subject "**AIM-NEXT DC APPLICATION**", and pack all required information in one single PDF file, using a file name with the following format:

**surname\_name\_DC.pdf**

- DC1 - Design of mining tool material using ICME (KTH)
- DC2 - Role of alloying elements and interfaces in the design of Co-free cermets (UC3M)
- DC3 - Additive manufacturing of hard materials by extrusion 3D printing (INP-UGA)
- DC4 - Design-for-manufacturing of non-CRM superhard PcBN tool materials (E6)
- DC5 - In-process interaction as predictor of material performance in operation (Lund)
- DC6 - Cemented carbides for highly corrosive environments (UA)
- DC7 - Controlled service-like contact loading tests for non-CRM hard materials and coatings (UPC)
- DC8 - Damage tolerant design of cemented carbide tools and components exposed to erosion- and abrasion- wear service condition (UPC)
- DC9 - Lifetime prediction under corrosion and oxidation damage in service-like conditions (RWTH)
- DC10 - Hybrid Digital Twin framework for the prediction of performance degradation of recycled hardmetal tools during machining (Lund)

Mobility

I declare that I have not resided or carried out my main activity in the country of the recruiting beneficiary for more than 12 months in the 36 months immediately before the recruitment date.

Please indicate your location during the last three years.

Please list accordingly:

Location #1

Start Date:

End date:

Country:

Main activity:

Location #2

Start Date:

End date:

Country:

Main activity:

Location #3

Start Date:

End date:

Country:

Main activity:

(Please replicate as necessary)

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Your qualifications

I declare that I am not in possession of a doctoral degree

Please indicate when you have obtained (or expect to obtain) your Bachelor and Master degrees (or equivalent), as well as the university awarding the degree and the country this university is located.

Name of university:

Country:

(Expected) date of award:

Referees

Please list the names and information of two referees.

Referee #1

Name:

Organisation:

Affiliation:

Email address:

Telephone number (including country code):

Referee #2

Name:

Organisation:

Affiliation:

Email address:

Telephone number (including country code):

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Attached documents

- Application form
- Detailed CV (maximum 5-page)
- Motivation letter (maximum 2-page)
- Transcripts of Bachelor and Master's degrees (including the grade range)
- English language certificate (if available)
- Any additional files considered relevant to the application.