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research proposal

template

Materials International Postdoctoral Programme in Materials Science and Engineering

July 2025



Project: 101178250 — ATENEA — HORIZON-MSCA-2023-COFUND-01

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***Formatting Requirements for Proposals:***

*Proposals must adhere to the following formatting guidelines:*

* *Minimum font size: 11 points (9 points allowed in tables)*
* *Line spacing: single*
* *Page size: A4*
* *Margins: at least 15 mm on all sides (excluding headers and footers)*
* *Font: a clear and legible typeface suitable for printing (e.g., Times New Roman)*

***Important Notes:***

* *Proposals must be submitted exclusively through the IMDEA Materials Job Portal using the online submission system in* ***PDF format****.*
* *Maximum proposal length:* ***6 pages*** *(excluding references, if specified).*
* ***All sections of the proposal are mandatory.***

# research proposal

**Name of the applicant: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**1. Project Title and Acronym** Provide the full title of the proposed research and a short acronym (max. 10 characters).

**2. Research Topic and Supervisor** Indicate the research topic(s) for which you are applying and the name of the proposed supervisor(s) at IMDEA Materials.

**3. Abstract (max. 200 words)** Provide a concise summary of your research proposal, including its main objectives, methodology, and potential impact.

**4. Objectives** Describe the specific research objectives, questions or hypotheses addressed by your proposal.

**5. Research Methodology** Detail the scientific approach, methods and techniques to be used, including justification for their suitability.

**6. Work Plan** Provide a structured timeline of the project (e.g. Gantt chart or description per phase), including: a) Research tasks, b) Expected milestones and deliverables, c) Timeline for secondments or training (if applicable)

*Explain how you plan to spend the “research, training and networking contribution” of the fellowship (€ 19.500) (Examples: consumables, small equipment, travel for dissemination, publication and patent fees, etc.). Note that you will have an additional budget (€ 9.000) for an academic or non-academic secondment period for a minimum of 3 and a maximum of 6 months.*

*Explain and justify your planned secondment. You can select one of the associated partners of ATENEA´s network, already published on the ATENEA website, as host institution or you can suggest a new host institution for your secondment.*

**7. Expected Outcomes and Impact** Explain the anticipated scientific, societal and/or technological impact of your project. Describe how results will be disseminated and how they may contribute to career development and scientific progress.

**8. Integration with Supervisor** (maximum half page)Explain how your research aligns with: (a) The expertise and research interests of your proposed supervisor, (b) Emphasise synergies, complementarities, and mutual benefits.

**9. Research Infrastructure Required** (maximum half page)Detail the materials and infrastructure required to carry out your research. All the facilities of IMDEA Materials (<https://materials.imdea.org/research/scientific-infrastructures/>) will be available at no cost associated with the project. If you need further information, contact the supervisor you selected for your project.

**10. Gender Dimension in Research** (maximum half page)If relevant, describe how sex/gender analysis will be integrated into your research content (e.g. data disaggregation, inclusive design, etc.).

**11. Data Management Plan** (maximum half page) Outline your approach to data collection, storage, protection, sharing, and preservation

**12. References *(not counted within the 6-page limit)***