

QUANTUM MATTER



Grand programme de recherche de
l'Université Paris Sciences & Lettres

Q-MAT Young Researcher startup package – Template (Max. 8 pages)

1. Summary (≈1 page)

Provide a concise overview of the proposed research project, including: - *Scientific context and motivation*
- *Main objectives* - *Key innovations and Expected outcomes and impact*

2. State of the Art and relevance to the Q-Mat program (1–2 pages)

Describe the current knowledge and prior work relevant to the proposal: - *Background and theoretical framework* - *Recent developments in the field* - *Existing challenges and gaps that justify the proposed research* - *Positioning of the project relative to international efforts* - *How the project advances the field beyond existing approaches*

3. Research Project Description (2–3 pages)

3.1 Objectives

Clearly define the scientific objectives

3.2 Methodology

Explain in detail the methodology of the project: - *Theoretical, numerical, or experimental methods to be used* - *Risk analysis and mitigation strategies* - *Timeline*

3.3 Expected Results and Impact

Explain: - *Short-term scientific outcomes* - *Long-term contributions to the field* - *Possible applications, technology transfer, outreach*

4. Budget (≤1 page)

Provide a clear and justified budget, including personnel costs, equipment, operational costs (consumables, travel, publication fees)

Indicate briefly other resources (équipement, RH, infrastructure) accessible and relevant to the project

5. References (≤1 page)

List key references cited in the text

6. Appendix

CV of the applicant (short version)