

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 (equipment, 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)