HRSMC Class of Excellence

Research Proposal guidelines

Basic details

1. **Applicant**
   Provide name, initials, first name, date of birth, starting date of Class of Excellence. Provide the MSc grades, any relevant internships or any peer-reviewed publications in an appendix.

2. **Background applicant (½ page maximum)**
   Provide titles and short description of the three research projects performed during Master period in the areas of Synthesis, Spectroscopy, and Theory.

3. **Title of the proposal**

4. **Keywords**
   List up to 6 keywords relevant to the proposal.

5. **Summary of the proposed research (½ page maximum)**
   Describe the objective of the proposal, the approach, and the motivation to perform the proposed research. Indicate HRSMC and external partners that are required to collaborate in the present proposal and indicate their role:

   - Indicate the multidisciplinary character of the proposed research, that is, show that research activities will need to be performed that fall within <u>more than only one</u> of the three research areas of the HRSMC.
   - It will be preferred if the proposal contributes to the coherence between the different research groups within the HRSMC at different locations.

6. **PhD supervisors**
   - List the HRSMC staff members who could supervise the proposed research (the "(co-)promotores"), coming from at least two different research themes: provide name, initials, first name and titles.
   - Please provide information on the theme each of the supervisors is active in and describe their involvement.

Research proposal

Full description of the proposal (6 pages maximum, including figures, excl. literature references)

Address in your proposal the following items:

a. Background of the research.
b. Aims.
c. Approach.
d. Innovative elements of the proposal.
e. Time scheme. Show in this time scheme as well how the time spent on different research activities is divided between the two or three research themes involved in the proposal.
f. Possible pitfalls and solutions.
g. Scientific embedding of the proposed research.
   in which HRSMC research groups will the research be performed, and how does the expertise of these groups fit within the scientific expertise and infrastructure needed for the proposal