SAXSLab Sapienza - Experiment Application Form

**Part 1: General Information**

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| **Details of the proposer** |
| Membership ID (if applicable): |  |
| Name and title: |  |
| Home institute, department: |  |
| Email: |  | Telephone: |  |
| Address: |  |
| Names of people attending the measure­ments: |
|  |
|  |
| **Details of the proposed experiment(s)** |
| Title of the experiment: |  |
| Scientific topics: |  |
| Number of Required Days: |  | Preferred dates: |  |
| **Experimental conditions** |  |
| Vacuum/Air | □ In Vacuum  | □ In Air |  |
| Sample holders | □ Disposable capillaries  | □ Washable sealed capillaries | □ Gel/powder holder |
|  | □ Powder in spacer | □ Thin solid for transmission | □ GISAXS stage |
| Temperature control(bath range from -15 to 70°C) | □ Temperature control | Range required (°C) |
| (available only for disposable capillaries and washable sealed capillaries) |
| Scattering vector range of interest: |  |
| **Samples** |
| Brief sample description*Include chemical composition and density information if available.**It is important to estimate transmission (X-ray energy 8.04 keV) and scattering length densities for planning.* | State *(liquid, solid, pow­der etc.)* | Risks *(corro­sive, exp­losive, toxic etc.)* |
|  |  |  |
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|  |  |  |
|  |  |  |
|  |  |  |
| Special sample environments (user apparatus or sample holders, etc.): |  |
| Risks posed by the experi­ments: |  |

# Part 2 : Description of the proposed experiments

## Abstract

*A short description of the experiment and its significance*

## Scientific background

*Please describe the scientific problems to be solved by small-angle/wide angle X-ray scattering and how this method will be able to handle them. If preliminary information on the system under study is available, please include it in the form of explanations and/or figures.*

## Expected results and impact

*Please emphasize the scientific importance of the problem, possible applications or profitability*

## Bibliographic references pertaining the proposal

*Previous, recent work of the Proposer or research group on the research field; other literature of relevance*

## Technical details

*A detailed description of how the Proposer plans to execute the measurements, what special precautions have to be taken etc. A detailed list of the samples to be measured should be provided (sample name, description, composition etc.).*

## Declarations

* I confirm that I and my coworkers will be covered by a valid health insurance during the whole time period of the experiments. I understand that work cannot be commenced at the instruments without a briefing on the local safety precautions by the instrument responsi­ble, and the experimenters will fully adhere to the local safety regulations during work.
* I also state that the proposed experiments or samples to be used present no material or health risks other that was stated above.

Date: ..........................................

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 Proposer