**Proposal title:**  Please enter the proposal title.

**Investigator(s):** Please enter the names of All investigators, please indicate the PI

**Group PI:** Please enter the name of your group PI.

**Contact email(s):** Please enter the email addresses of ALL investigators.

**Lay summary:** Describe your research project for a general audience, outlining key advances and how your current programme furthers research in this area

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| Click or tap here to enter text. |

**Research hypothesis:**  What is the research hypothesis and how will you use QENS to test this? Please justify why QENS is essential to further the research and why is QENS needed over other routine characterisation methods. What information are you seeking from QENS

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| Click or tap here to enter text. |

**Sample characteristics:** Please outline the results of any characterisation already undertaken. There is an optional sheet at the end of the proposal form so figures can be appended.Note that experiments are carried out in **sealed thin-walled aluminium containers**. Boiling, desorption etc. can lead to explosions and radioactive contamination of the instrument. Please also provide information on any phase transitions, desorption temperatures or reactions that may generate pressure.

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| Click or tap here to enter text. |

**Temperatures desired:** There are two standard seals for different temperature ranges. Indium seals are suitable for measurements in the range 0-373 K. Viton O-rings are suitable for 253-500 K. Your experiment may be run in a sample changer running experiments over multiple temperatures. What is the max/min temperature your sample can endure?

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| Click or tap here to enter text. |

**What is the current QENS data analysis resource in your group?**

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| Click or tap here to enter text. |

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| Click or tap here to enter text. |

**ARE you a NEW user  Have you used the QENS before?:**

**Please outline your experience with QENS (if any) AND Why the BAG is an appropriate access route (if appropriate):**

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| Click or tap here to enter text. |

**Publication strategy:** What is your dissemination strategy? Please provide an approximate timescale for publication.

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| Click or tap here to enter text. |

**Samples:**All the intended samples must be included in this table, in the order of priority. Only the samples included in this table will be run. Please use one line per sample, even if it is the same sample under different conditions (or absorption edges).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample number | Sample description | Sample Mass | Hydrogen content & Information | Sample form (e.g. powder, liquid or heterogeneous) | Information Required |
| 1 | Enter text. | Enter text. | Enter text. | Enter text. |  |
| 2 | Enter text. | Enter text. | Enter text. | Enter text. |  |
| 3 | Enter text. | Enter text. | Enter text. | Enter text. |  |

Do you have any specific sample requirements?

Please specify: e.g. air sensitive samples or a special cell required.

**Optional figures:** *Please use this page to insert supplementary figures. Appropriate captions must be included.*