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| MBE sample preparation proposalJCNS MBE thin film lab at the MLZ in Garching |  |

Local contact/instrument scientist:
Dr. Sabine Pütter, Tel. +49 89 158860-742, s.puetter@fz-juelich.de

It is mandatory that you contact the instrument scientist to discuss your research idea and safety requirements before submitting a proposal. The proposal for the MBE system must be related to a proposal submitted to an MLZ instrument.

**Please convert the present file into pdf format and upload it to GhOST.**

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| Neutron Instrument Proposal No. |  |
| Proposer |  |
| Email address |  |
| Title |  |
| Requested neutron instrument  | ☐ MARIA | ☐ N-REX  | ☐ \_\_\_\_\_ |
| Type of access | ☐ Remote access: the sample is prepared for you | ☐ Collaborative access: you fabricate the sample together with the local contact on site at the JCNS in Garching |
| Sample composition | Sample composition |  |
| Substrate (Material, size, crystal orientation,etc) |  |
| Do you aim at epitaxial growth? |  |
| Do you supply the substrates? |  |
| Number of samples? |  |
| Sample preparation | Explain the fabrication process if known, e.g. substrate temperature, deposition rate, heating and/or cooling rates and so on. |
| Safety issues | Give a brief statement of any potential safety issue known with the required materials . |
| Time schedule | Estimated number of days for sample fabrication. |  |
| Preferred dates? |  |
| In case of collaborative access please report your blackout days |  |
| Sample storage after fabrication (UHV, vacuum desiccator, air)  |  |

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