



Application for the use of NanoSIMS Facility

Lehrstuhl für Bodenkunde

TUM School of Life Sciences (Weihenstephan)

Emil-Ramann-Straße 2

D 85354 Freising

Tel: +49 8161 71 -3677

Fax: +49 8161 71 -4466

(This form can be completed in either English or German)

1) Project Title	

2) Proposer:	
Name:	
Institution:	
Position:	
Address:	
Telephone:	
Fax:	
E-Mail:	
This is:	<input type="checkbox"/> A new proposal <input type="checkbox"/> A continuation proposal
Funding	
Who will be present during the experiment:	

3) Name of NanoSoil scientist who has been contacted before and agreed for the investigation. Please summarize the discussion

4) Type of analyses: Please indicate what kind of analyses are intended (mapping, isotope analyses, depth profiling)

5) Project timing: Please indicate when the analyses are required, and whether timing is critical

6) Description of the sample:	
Number and notation	
Substance formula, composition (doping, contamination, coating)	
Surface topology and roughness (quality, outstanding part, holes, size of the structures)	
Is the sample conductive?	
Vacuum compatibility (outgassing)?	
Sample fits to mechanical requirements of sample holder?	

NanoSIMS Proposal

Was the sample adequately characterized before (e.g. microphotography, SEM)? Please supply documentation incl. coordinates.	
Safety aspects: Is the sample toxic, explosive, flammable, radioactive, contaminant, corrosive? Any other danger?	

Note: The NanoSoil Lab takes no responsibility for sample which are accidentally damaged during mounting or analysis. Additional information about sample preparation requirements are provided on our laboratory's web page: <https://www.lss.lis.tum.de/boku/?id=262>

Description of the proposed experiment: (Outline of the scientific background and relevant features; aims of the experiment and results to be achieved; preliminary work carried out)

We run NanoSIMS measurements for internal and external scientific users based on our [Terms of Use](#). Briefly, this includes an advisory service for the planning of experiments, discussion of possible sample preparation techniques and help by an operator during the final measurement at our instrument. Members of the nanoSOIL team will help with data interpretation and further quantitative analysis by offering an introduction to possible data analysis software, if necessary.

A charge of 800 EUR (exclusive of VAT) per day will be charged from every user. This charge includes all project specific consumables (sputtered optics, used electron multipliers, used primary ion sources etc.). The operator and scientist's time spent for assisting the users during a measurement session will not be charged. The NanoSIMS measurement time and expertise we offer often forms the basis of scientific collaboration according to the three following criteria:

- (i) A substantial contribution to the conception, planning, measurement and the interpretation of the research,
- (ii) participation in the manuscript drafting and
- (iii) approval of the final version of the manuscript. For technical assistance, contributors should be adequately mentioned in the Acknowledgements section. As every NanoSIMS measurement requires qualified scientific expertise, nanoSOIL staff members with substantial contributions based on the above-mentioned criteria are entitled to be included as a co-author(s) on scientific publications reporting results gained from the NanoSIMS measurements at the nanoSOIL facility. This procedure assures the existence of the nanoSOIL laboratory.

No refund can be given if the NanoSIMS measurement cannot be performed due to sample preparation problems, if the result does not meet the scientific expectations of the users or due to other problems encountered during measurement.

Confirmation that the Terms of Use were read and accepted.

Date and signature of the user