Sample description for analyses at the

NanoSIMS lab of the Leibniz-Institute for Baltic Sea research Warnemünde

(to be handed in when samples are delivered to lab)

Please provide information addressing the following points:

1. Name of project proposal:
2. Contact information for corresponding scientist (name, affiliation, telephone, email):
3. Date of sample delivery (at least two days before analysis, resin embedded earlier depending on thickness of resin):
4. Number of samples provided:
5. Detailed description of samples (sample ID, diameter, matrix, thickness of coating, …) with background information (size of cells, approximate elemental composition)
6. Is the sample homogenous or are there special regions of interest? How are the regions of interest are marked/documented (REM-picture, puncture, writing or x- and y coordinates, …)?
7. Which elements/isotopes should be analysed? Which precision and how many regions per sample are needed?
8. How the samples and sample remains should be treated (freeze, dispose, return to customer, …)?

Please confirm with your signature, that the sample is conductible, withstands a vacuum of 1-10 mbar and does not contain particles which ablate from the sample in the high voltage field. The sample does not contain toxic, corrosive reactive, flammable, explosive, radioactive or otherwise hazardous substances. The sample height differences are below 10 micrometre.

Date: Signature: