Part 2:

Short proposal for NanoSIMS analyses at the Leibniz-Institute for Baltic Sea research Warnemünde

Please provide a **short** (maximum 2 pages) project description answering the points below. With handing in a proposal you confirm that you agree with the public usage regulations.

1.1. Give the name, affiliation and contact details (telephone, email) for the corresponding scientist.

1.2. If appropriate, give the names and affiliations of additional scientists involved.

1.3. Provide a project name

1.4. Provide a short name for the project

2. Briefly describe of the main objective of the proposed research and its scientific relevance.

3. What is the aim of this study (proof of concept for research proposal, data for publication, …)? Is this project part of a larger study? Do you plan additional analyses later or is this a single project which is finished after the analyses?

4. Explain why the NanoSIMS approach is necessary to your approach and what you expect to find.

5. 1 Did you work with this or another NanoSIMS before?

5.2 Did you discuss your project details with the lab manager?

6.1. Describe your sample preparation for the NanoSIMS and the material/composition of your samples.

6.2. How many samples do you want to provide for analysis?

6.3 How many regions on a sample should be analysed and how will the regions of interest be findable in the NanoSIMS?

6.4. Which elements/isotopes are of interest?

6.5. Which precision to you need (qualitative results, percent, per mill, …)?

6.6. How many measurement days do you need?

6.7. Which fee is applicable to your project (IOW: 500 €, Science: 1000 €, Industry: 2000 €).

7.1. Do you need results before a special date/deadline? Has the project a special time frame (promotion, project schedule)?

7.2. Are there dates not suitable for analysis (vacation, ship cruises, conferences)?

7.3. Give the earliest date for analysis? Are the samples already prepared for analysis? How much preparation time do you need?

Sent the proposal to the lab manager Angela Vogts (angela.vogts@io-warnemuende.de, +49 (0) 381 5197 353). She is also available to discuss details and answer questions.