

Workshop



Technology Transfer in Marine Science
Science's needs and market's means – Do they fit?

June 18th 2015 Riga BSSC



Can market's means meet science's needs (and vice versa)? We will discuss this question during the first Baltic Technology Transfer workshop, organized by the Leibniz Institute for Baltic Sea Research Warnemünde under the umbrella of the Baltic Sea Science Congress BSSC in Riga. Speakers from marine research institutes from the Baltic Sea region will present how science pulls technological development towards innovation: They demand new, more exact, more stable measuring and sampling devices with higher resolution, working more and more autonomously or even triggered by events. For the suppliers and manufacturers only adequate sales markets justify the high costs of development of new instruments but the local niche markets are small. So how can marine science be provided with the needed technology? To bring scientists and suppliers from the whole Baltic region together gives scientists the chance to clarify their needs and can help the suppliers to broaden the market for new developments in marine sensing and sampling. Even joint development projects where science and manufacturers work together could be initiated during this occasion. Throughout the whole week engineers, suppliers and manufacturers will be given the chance to present new developments, prototypes or even new products of the shelf at an exhibition.

Time schedule:

- 13:30 Ralf Prien (IOW) Keynote talk: Technology transfer - moderating conflicting interests of developers, users and manufacturers
- 14:00 Urmas Lips (Tallinn University of Technology): Multi-sensor in-situ observations in the stratified Baltic Sea – needs for new technologies and regional co-operation.
- 14:20 Anders Tengberg (University of Gothenburg): Chemical sensor measurements in marine waters - existing and possible future technology
- 14:40 Discussion
- 15:00 Coffee, exhibition
- 15:20 Uwe Fischer, HydroBios, Kiel: New development of AFIS
- 15:40 tba: New developments of marine sensors
- 16:00 tba: New developments of sampling devices
- 16:20 Discussion and final words
- 16:30 End of workshop

During the whole Baltic Sea Science Congress: exhibition of new instruments, methods, devices in the plenary hall.