



## TransBrom Sonne Workshop



November 16<sup>th</sup> – 17<sup>th</sup> 2010 – IFM-GEOMAR, Kiel (big conference room) IFM-GEOMAR

### Agenda

November 16<sup>th</sup>, start of the workshop at 12:30pm

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|---|---------------------------------------|
| 1. Introduction and overview  | <i>Birgit Quack</i> (chief scientist) |
| 2. Meteorological overview during TransBrom Sonne                   | <i>Kicki Krüger</i>                   |
| 3. Halogenated hydrocarbons in sea water, air and air-sea-fluxes    | <i>Birgit Quack/ Elliot Atlas</i>     |
| 4. Halogenated hydrocarbons and other trace gases in the atmosphere | <i>Sven Brinkmann/ Elliot Atlas</i>   |
| 5. Ocean-optics, phytoplankton, satellite-data                      | <i>Bettina Taylor/Astrid Bracher</i>  |
| 6. Correlations of phytoplankton and halocarbons                    | <i>Tilman Dinter</i>                  |
| 7. Sulfur compounds in the Western Pacific                          | <i>Cathleen Zindler</i>               |

Around 3pm: Coffee-break

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|--|--------------------------------------|
| 8. Water masses, pCO <sub>2</sub> and O <sub>2</sub> in the Western Pacific  | <i>Arne Körtzinger</i>               |
| 9. Results of radio sounding   | <i>Franz Immler</i>                  |
| 10. Ozone in the atmosphere over the Western Pacific   | <i>Markus Rex</i>                    |
| 11. Continuous trace gas measurements and vertical profiles  | <i>Theo Ridder</i>                   |
| 12. Stratospheric input of VSLS  | <i>Susann Tegtmeier</i>              |
| 13. Reactive halogens over the Western Pacific   | <i>Katja Grossmann</i>               |
| 14. The IUP Max-Doas results   | <i>Enno Peters/ Folkard Wittrock</i> |
| 15. Overall discussion and future plans (synthesis, publications, special issue, data base, BMBF-Sonne status seminar) | <i>Kicki Krüger/ Birgit Quack</i>    |

At 8pm: Joined dinner at the restaurant El Paso (Kleiner Kuhberg 2, Kiel)

### November 17<sup>th</sup>

9:00 to 1:00 pm

Ongoing Discussion, break-out groups, SHIVA ship campaign planning

Lunch break

3:00 pm Invited talk: Dr Franz Immler (DWD Lindenberg) "Global Climate Observing System (GCOS) Reference Upper-Air Network (GRUAN): Reference-measurements in the free atmosphere"