



TransBrom Sonne Workshop



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

Agenda

November 16th, start of the workshop at 12:30pm

- | | |
|---|---------------------------------------|
| 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

- | | |
|--|--------------------------------------|
| 8. Water masses, pCO ₂ and O ₂ 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 17th

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"