

January 19, 2009

Summer School on Physical Oceanography of the Baltic Sea

Tvärminne, May 11–16, 2009

COURSE TEAM

- Matti Leppäranta, Department of Physics, University of Helsinki, coordinator
- Kai Myrberg, Finnish Environment Institute
- Tarmo Soomere, Academician, Tallinn University of Technology
- Guest lecturers

SCHEDULE (DETAIL LECTURE PROGRAMME FOLLOWS LATER)

Monday, May 11

Morning	Arrival; Course introduction
Afternoon	Geography and climate of the Baltic Sea region
Evening	Sauna

Tuesday, May 12

Morning	Hydrography of the Baltic Sea
Afternoon	Water, salt and heat budget of the Baltic Sea
Evening	Films

Wednesday, May 13

Morning	Circulation in the Baltic Sea: observations and theory
Afternoon	Modelling of the circulation of the Baltic Sea
Evening	Student presentations I

Thursday, May 14

Morning	Wave motions in Baltic Sea
Afternoon	Baltic Sea ice season
Evening	Evening talks

Friday, May 15

Morning	Optics of the Baltic Sea
Afternoon	Ecology of the Baltic Sea
Evening	Sauna

Saturday, May 16

Morning	Coastal processes in the Baltic Sea
Afternoon	Concluding session; Departure

COURSE BOOK

Leppäranta, M. and Myrberg, K. (2009) *Physical oceanography of the Baltic Sea*. Springer-Verlag, Heidelberg, Germany.

PARTICIPATION

The course is targeted to PhD students in oceanography or hydrology; it suits also to MSc students who have a Baltic Sea related topic in their MSc thesis and to active scientists who want to refresh their status of knowledge of the Baltic Sea.

The number of participants is limited to 30. Some support is available from the course organizer for student for the accommodation and living costs in Tvärminne.

Send applications to the coordinator (address below) indicating

- Name and address
- Status (MSc student/PhD student/research scientist)
- Department and supervisor (for students)
- Need for support in Tvärminne (for students)

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