

SP Trätek  
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## Information

### Cost

There are three alternatives for participants. See below:

#### Final seminar and workshop 11 -12<sup>th</sup> April

Package no.	Price DKK	Includes
1	1965	Accommodation 2 nights, 2 lunches, 1 dinner, coffee (Starts Sunday evening and end Thursday afternoon)
2	1300	As 1, but no accommodation
3	1050	Coffee, lunch, 11 - 12 <sup>th</sup> of April

#### Training school 13- 14<sup>th</sup> April

Package no.	Price DKK	Includes
1	1990	Accommodation 2 nights, 2 lunches, 2 dinners, coffee (Starts Tuesday afternoon end Thursday afternoon)
2	1400	As 1, but no accommodation
3	1050	Coffee, lunch, 13 – 14 <sup>th</sup> april

Accommodation (single room), lunch and coffee are arranged by the local hostel and restaurant in close vicinity to the Viking Ship museum (50 meters).

### Payment

An invoice will be sent to all participants after registration by our administration. We should receive your payment no later than 1<sup>st</sup> of March 2011.

### Limitations

Only persons working professionally in cultural heritage institutes or universities are accepted. For practical reasons the final seminar and workshop are limited to 60 participants whereas the training school is limited to 8 diving participants.

### Registration and preliminary program

Please find the **preliminary program and registration form** on our web site: [www.wreckprotect.eu](http://www.wreckprotect.eu) and follow the instructions for registration. Alternatively use the registration form attached to this invitation.

### Deadline for registration

20<sup>th</sup> of January 2011.



## Invitation



The Wreck Protect Team cordially invites you to join the final seminar, workshop and training school of the project



### Final seminar and workshop

11 – 12<sup>th</sup> of April 2011

Training school

13 – 14<sup>th</sup> of April 2011

Viking Ship museum  
Roskilde, Denmark

## Background

WreckProtect started in 2009 and is funded by the European Commission's 7th research program for cultural heritage. The project is dedicated to the thousands of historic shipwrecks on the bottom of the Baltic Sea, and the understanding of their future decay and protection. These wrecks have so far been protected from the aggressive shipworm due to the Baltic's low salinity, but lately spread has been reported which might be related to climate changes. The project has focused mainly on the understanding of the shipworm and its environmental requirements. On this basis, a GIS model for prediction for spread was built. In parallel, known methods for protection of shipwrecks were evaluated and a guideline for their physical protection in situ was produced. The aim of the project is to provide the archaeologists, conservators and museums responsible for the preservation of the underwater cultural heritage with tools to predict the spread of shipworm and cost-effective methods for protecting sites and shipwrecks under threat – in time before irreversible decomposition takes place.

Results from the two year project will be presented at the final seminar. The workshop will have a multi-faceted approach and provide participants with hands on experience with marine wood degraders, GIS modeling for prediction of decay, and guidelines for protection of shipwreck in situ.

See also: [www.wreckprotect.eu](http://www.wreckprotect.eu)



## Program

### Program for final seminar 11<sup>th</sup> of April

A full day final seminar will give you a comprehensive picture of the preservation conditions for shipwrecks in the Baltic sea today. Spread of shipworm and methods for protection are in focus.

- Wood degradation in the Baltic Sea
  - o Shipworm
  - o Microbial degradation
- Spread of shipworm in the Baltic Sea
  - o Historical outbreaks
  - o Environment needed for survival
  - o GIS modeling for prediction of spread
  - o Influence of climatic changes
- Methods for protection of shipwrecks
  - o Law and regulations
  - o Experience from the Baltic and the Mediterranean
  - o Evaluation of methods
- Guidelines on methods for protection of shipwrecks
  - o Guideline for physical protection of shipwrecks
  - o Cost/benefit analyses on conservation versus in situ preservation.

### Program for workshop the 12<sup>th</sup> of April 2011

The workshop gives stakeholders, archaeologists, and conservators to get hands on experience and participate in informal discussions.

- Shipworm "live"
- Shipwreck degrading fungi and bacteria viewed by light microscopy
- Demonstration of GIS model for prediction of spread of shipworm
- In situ protection; methods and materials demonstrated on land

Finally a guided tour of the Viking Ship museum.

### Program for Trainingschool the 13<sup>th</sup> and 14<sup>th</sup> of April 2011

Practical experience with protection of demonstration object in situ. The course is limited to 8 persons. Diver license, insurances, and dry suit are required.



## Application

Yes, I would like to participate in (see Information)

### Final seminar 11– 12<sup>th</sup> April 2011

I would like the Seminar package no  
1  (1965 DKK) 2  (1300 DKK) 3  (1050 DKK)

### Training school 13– 14<sup>th</sup> April 2011

I would like the training school package no  
1  (1990 DKK) 2  (1400 DKK) 3  (1050 DKK)

Name: .....

Institute: .....

Address: .....

VAT no: .....

Phone: .....

Fax: .....

E-mail: .....

Date: .....

Signature: .....

Special requirements for food: .....

### Last day of registration: 20<sup>th</sup> of January 2011

Send registration form to:

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114 86 Stockholm

or by e-mail: [evajohanna.hornell@sp.se](mailto:evajohanna.hornell@sp.se)

or by fax: +46 8 411 83 35

