

# Wooden Shipbuilding

ForSEADiscovery

Madrid, January 2015

## **Workshop 1**

Introduction to Nautical Archaeology

Wednesday - 9:30-11:00, 11:30-13:00, 16:00-18:00

Thursday - 9:30-11:00, 11:30-13:00, 16:00-18:00

## **Workshop 2**

Books and Treatises on Shipbuilding

Friday - 9:30-11:00 , 11:30-13:00, 16:00-18:00

# Workshop 1

## Introduction to Nautical Archaeology

Wednesday - 9:30-11:00

1. Ethics
2. Ships and boats
3. Basic concepts

## Workshop 1

### Introduction to Nautical Archaeology

Wednesday - 11:30-13:30

4. A ship in parts

5. Nautical archaeology

Wednesday - 16:00-18:00

6. History of wooden shipbuilding

6.1. Rowing and sailing

6.2. Shell- and bottom-based ships

6.3. Frame-based ships

Thursday - 9:30-11:00

7. European ship types

7.1. Late Medieval ships

7.2. The ships of the 15th century

7.3. The ships of the 16th century

7.4. The ships of the 17th century

## Workshop 1

# Introduction to Nautical Archaeology

Thursday - 11:30-13:30

## 8. The archaeological record

## Workshop 1

### Introduction to Nautical Archaeology

Thursday - 16:00-18:00

#### 9. The ForSEAdiscovery databases

Friday - 9:30-11:00

1. Whole molding

1.1. Conception, construction

1.2. Rising and narrowing

1.3. Deck space (*joba*, *espalhamento* and transoms)



## Workshop 2

### Books and Treatises on Shipbuilding

Friday - 11:30-13:30

#### 2. Early books on shipbuilding

2.1. Introduction

2.2. Michelli da Rhodi

2.3. Zorzi Trombetta

Friday - 16:00-18:00

3. Iberian treatises

3.1. Ars nautica

3.2. Escalante de Mendoza

3.3. Livro da fabrica das naus

3.4. Lavanha

3.5. Palacio

3.6. Cano

3.7. Fernandez