

**MARITIME TECHNOLOGY IN THE ANCIENT ECONOMY:  
SHIP-DESIGN AND NAVIGATION**  
**An interdisciplinary conference**

**TECNOLOGIA MARITTIMA NELL' ECONOMIA ANTICA:  
NAVI E NAVIGAZIONE**  
**Un convegno interdisciplinare**

**16<sup>th</sup>-17<sup>th</sup> June, 2009/16-17 giugno 2009**

Hosted by/ospitato da  
American Academy in Rome & Università di Roma "La Sapienza"

Organized by/responsabili scientifici  
W.V. Harris & Elio Lo Cascio

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## PROGRAM

Each paper will be followed by a discussion period; ad ogni relazione farà seguito una breve discussione.

### **Tuesday June 16<sup>th</sup>, American Academy (Villa Aurelia)**

- 09:00-09:15 W.V. Harris (Columbia University):  
Introductory Remarks.
- 09:15-09:45 Walter Scheidel (Stanford University): Questions about Maritime  
Technology and the Roman Economy.
- 10:05-10:35 Patrice Pomey (Université d'Aix-en-Provence): Les conséquences  
de l'évolution des techniques de construction navale sur l'économie  
maritime antique.
- 10:55-11:15 Coffee Break.
- 11:15-12:05 Andrew Wilson (Oxford University): Developments in Maritime Trade,  
200 BC -- AD 1000'.
- 12:20-12:45 Carlo Beltrame (Università Ca' Foscari di Venezia): A Presumed  
Hydraulic System in the Roman Wreck at Grado.
- This paper is based on research conducted jointly by Carlo Beltrame and  
Dario Gaddi.
- 13:05-15:30 Lunch Interval.
- 15:30-16:10 Cemal Pulak (Texas A & M University): The Byzantine Shipwrecks  
at Yenikapi and their Contribution to Understanding Transitions in  
Shipbuilding Practices during the 7<sup>th</sup>-10<sup>th</sup> centuries AD.
- 16:30-17:00 Piero Dell'Amico (Università di Roma "La Sapienza"): Osservazioni  
riguardanti alcune innovazioni in ambito navale di epoca classica:  
pregi e difetti.
- 17:20-17:40 Coffee Break.
- 17:40-18:10 Deborah Carlson (Texas A & M University): Ships and Stones: Evidence  
for the Specialized Construction of Ancient Marble Carriers.
- 18:30-19:00 André Tchernia (Université d'Aix-en-Provence): Très gros et très petits  
tonnages: leurs usages.
- 19:15 Reception

**Mercoledì 17 giugno, Università di Roma "La Sapienza" (Odeion)**

- 10:00-10:20 Elio Lo Cascio (Università di Roma "La Sapienza"): Introductory Remarks.
- 10:20-10:50 Pascal Arnaud (Université de Nice): Sailing 90° from the Wind: Norm or Exception?
- 11:10-11:30 Coffee break.
- 11:30-12:00 Liba Taub (Cambridge University): Graeco-Roman Meteorology and Navigation.
- 12:20-12:50 Giulia Boetto (Université d'Aix-en-Provence): Entre le fleuve et la mer. Transferts techniques en architecture navale antique: l'exemple des navires de Fiumicino (Ostie, Rome).
- 13:10-14:30 Lunch Interval.
- 14:30-15:00 Mauro Bondioli: La memoria costruttiva. Studio sulle costruzioni navali del periodo tardo antico da documenti medioevali sui sistemi di misurazione e di rilievo delle forme di carena.
- This paper is based on research conducted jointly by Mauro Bondioli and Mariangela Nicolardi (Università Ca' Foscari di Venezia).
- 15:15-15:20 Stefano Medas (Università di Bologna): Considerazioni nautiche sullo *Stadiasmo* o *Periplo del Mare Grande*, il più antico portolano attualmente noto.  
An abstract of this paper will be read out in Professor Medas's absence.
- 15:20-16:05 Salvatore Martino (Università di Napoli Federico II): On the Origin of 'Skelton-First' Carpentry.
- 16:20-16:40 Coffee Break.
- 16:40-17:00 Marco Bonino (Università di Bologna): Evidence of Geometric Operators Used to Mold Ancient Hulls and Hypotheses on their Rationalisation.
- 17:15-17:45 Annalisa Marzano (University of Reading): Snails, Wine and Winter Navigation.
- 18:00-19:00 Round Table/Tavola Rotonda: William Harris, Annalisa Marzano, Patrice Pomey, Walter Scheidel.

Conference co-ordinator/coordinatrice della conferenza: Kristine Iara  
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