

**UNIVERSITY OF MICHIGAN  
COLLEGE OF ENGINEERING**

***Department of Naval Architecture and Marine Engineering***

*cordially invites you to attend a lecture presented by*

***Dr. Larrie D. Ferreiro***

*Professor of Systems Engineering  
Defense Acquisition University  
Ft. Belvoir, Virginia*

***“Ships and Science: Naval Architecture  
from the Age of Sail to the Industrial Age”***

**\*\*\*\*\***

*Wednesday, February 21, 2007*

*4 pm*

*Johnson Rooms*

*Lurie Engineering Center\**

*\*Reception following in Masco Faculty Commons*

*Please RSVP to Kay Drake  
[kdrake@engin.umich.edu](mailto:kdrake@engin.umich.edu)  
(734) 936-7636*

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***The Captain Ralph R. and Florence Peachman Lectureship Series***

*Abstract:* Naval architecture (the use of science in ship design and construction) was born at the height of the Age of Sail, when the Scientific Revolution was reshaping how navies were formed, how they trained and how they fought. In his presentation, Dr Ferreiro discusses his new book “Ships and Science” (MIT Press 2007), where he traces the intriguing and often unexpected development of naval architecture and describes its practical application to ship design in the seventeenth and eighteenth centuries. Looking from the viewpoints of both the engineer and the naval administrator, he explains why the development of ship theory was encouraged, financed, and used in naval shipbuilding, and describes the professionalization of ship constructors that is the true legacy of this period. Finally, he discusses the status of his current research in the development of naval architecture during the Industrial Age.

