

**1<sup>st</sup> Circular  
Call for Papers**

**3<sup>rd</sup> International Maritime Conference  
on  
DESIGN FOR SAFETY**

September 26-28, 2007  
Berkeley California USA

**Introduction and History**

The first International Conference on Design for Safety was held in Glasgow as a WEGEMT Conference (a European association of universities in Marine Technology) with the sponsorship of the European Commission. The second conference was held in 2004 in Sakai, Japan, as part of a series of technical conferences forming the “Osaka Colloquium” (together with the International Conference on Collision and Grounding of Ships and the International Ship Stability Workshop). This third conference is scheduled to be immediately preceding PRADS 2007 (Practical Design of Ships and other floating structures) in Houston Texas on October 1-5.

**Objectives**

The conference is organized to present the state of the art of design for safety, where safety is not treated as a design constraint but rather as a design objective aiming to enhance the value of the ship in a competitive and safety-conscious market.

The conference welcomes papers on all aspects of Design for Safety and topics in the areas of:

- Philosophy and framework of Design for Safety, such as safety culture, active and passive safety, life cycle design, risk based regulation
- Methodology and applications of Design for Safety, including risk analysis, Formal Safety Assessment, and first principles and risk based design
- Ship stability safety, including intact and damage stability, probabilistic assessments, high speed craft and fishing vessel safety, performance based stability regulation
- Fire and explosion safety, such as fire risk analysis and alternative design approaches
- Structural strength for passenger, tanker, and bulk carrier safety and reliability
- Operational safety, including decision support systems, training aspects, passenger evacuation and return to port capabilities for passenger ships

**Dates**

Abstract submissions: 31 March 2007

Notice of Acceptance: 30 April, 2007

Paper Submission and Conference Registration: 31 July 2007

Please submit one page abstracts to:

Robert Tagg  
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**Conference Schedule**

Wednesday 26 September

Thursday 27 September

Friday 29 September

Saturday 30 September

Registration and Welcome Reception

Full day technical program

Full day technical program

Optional tour program in San Francisco

## **Venue**

Berkeley is located on the east shore of San Francisco Bay in northern California about 20 miles from the city of San Francisco. Berkeley is the home of the University of California, Berkeley which is the oldest and flagship campus of the ten-campus University of California system, founded in 1868, and currently with about 35,000 students.

Berkeley is easily assessable from SFO (San Francisco International Airport) by subway, airport shuttle, or taxi. Berkeley has a moderate climate with dry summers, typically with morning sea fog followed by sunny warm days in the low 20's C.

The conference will be held at the elegant Berkeley City Club ([www.berkeleycityclub.com](http://www.berkeleycityclub.com)) which is a listed California Historic Landmark building, designed and built in 1929 by local architect Julia Morgan. The Berkeley City Club is in within one block of the UC Berkeley campus and within walking distance of numerous restaurants, shops, and bars.

## **Hotels**

The Berkeley City Club has a limited number (two star) rooms that are available on a first-come first-served basis. The following additional hotels are within close proximity of the conference venue:

Hotel Durant (2-1/2 star, less then 500m)  
2600 Durant Avenue  
Berkeley CA 94704  
[www.hoteldurant.com](http://www.hoteldurant.com)

Rose Garden Inn (3 star – about 1.5 km)  
2740 Telegraph Avenue  
Berkeley CA  
[www.rosegardeninn.com](http://www.rosegardeninn.com)

Bancroft Hotel (2-1/2 star, about 500m)  
2680 Bancroft Way  
Berkeley, CA 94704  
[www.bancrofthotel.com](http://www.bancrofthotel.com)

Claremont Resort & Spa (4 star – about 3 km)  
41 Tunnel Road  
Berkeley, CA 94705  
[www.claremontresort.com](http://www.claremontresort.com)

Hotel Shattuck Plaza (2 star – about 1km)  
2086 Allston Way  
Berkeley CA 94704  
[www.hotelshattuckplaza.com](http://www.hotelshattuckplaza.com)