

# Sea Water Air Conditioning (SWAC): a simple idea that results in a complex design process

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**MSB 114**

**Wednesday, September 11, 2013**

**3:00-3:30 pm Coffee Hour**

**3:30-4:30 pm Seminar**

## Abstract

Delivering cold water at a given temperature may necessitate complex calculations involving many disciplines (heat transfer, fluid mechanics, structural mechanics) and physical phenomena that are often neglected (thermal contraction of the pipe walls, friction-induced water heating, heat production at the pump).

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Please join us for the coffee hour at the seminar venue a half hour before the seminar, 3:00 – 3:30 pm