

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

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Wednesday, September 11

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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