



University of Seville Presentation

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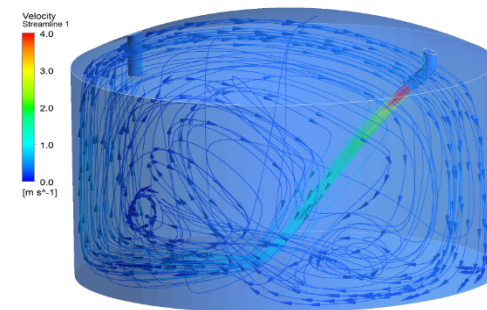
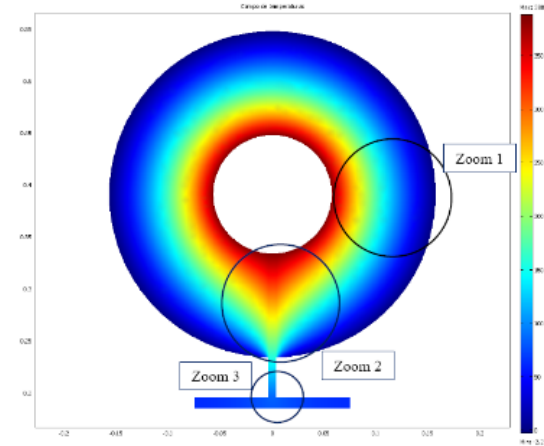
Institution	University of Seville
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Mission Statement:

The Higher Technical School of Engineering (ETSI) of the University of Seville (USE) has been involved in numerous national and international R&D co-operations in the field of solar hot water domestic systems, thermal solar power plants and solar process heat applications. It is well connected in national and international networks with industry and researchers in the field of solar technologies and applications. Also, the ETSI has long experience in dissemination activities and workshop organizations.

SHIP Competences:

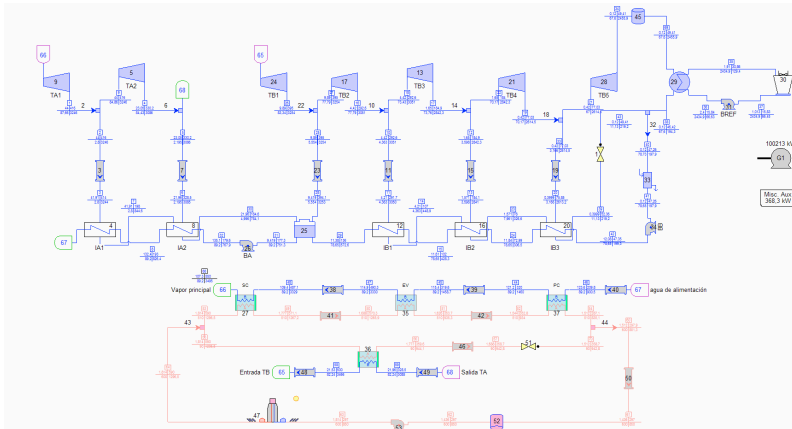
- Optimization of Thermal Solar processes.
- Detailed analysis of heat transfer in SHIP.
- CFD analysis of thermal processes





SHIP Research Infrastructure:

- 120 kWt Solar Fresnel Collector
- 10 kW Parabolic dish system
- 174 kW D.E. absorption chiller
- PCM storage vessel (4000 kg)
- Meteorological Station
- 10 Workstations
- Licensed software: Matlab, TRNSYS, Thermoflex, ANSYS-CFX, Fluent.



Participation in INSHIP:

Work package involvement:

WP 8

Person months (national + EC):

4+0

Objectives:

Our objective in INSHIP is to contribute in networking activities, giving our knowledge in optimization and simulation in solar heat processes.