



SCARABEUS Webinar Series – Modelling and Simulation of supercritical CO₂ CSP plants

The SCARABEUS consortium is happy to announce its Webinar Series covering the fundamentals of Concentrated Solar Power plant modelling and simulation. Whether you are a researcher reviewing a specific field of science or a professional engineer assessing new technologies, your need to estimate the performance of innovative technologies relies on the accuracy and appropriateness of the tools used. This series of webinars is aimed at, precisely, providing attendees with a good overview and understanding of the tools available to simulate the performance of complex CSP plants in order to help them become started in power plant analysis or even select the methodology that fits in best with their objectives.

Duration:

The webinars, delivered by the consortium partners specialising in each area, will be comprised of a **45 minutes** introduction to each specific topic followed by **30 minutes Q&A**. Since the events are live, the attendees will have the opportunity to interact with the speakers and dive into their particular interest.

Audience and Registration:

The webinars series is aimed primarily at graduate students who are currently completing an MSc degree or who find themselves in the first year of a PhD. Attendance requires **registration through the website of the SCARABEUS project, two weeks before the date of each webinar**. This **registration is specific to each webinar** (i.e., one cannot register for the entire series). Additionally, in order to enable a lively discussion in the Q&A session, the total number of participants will be **limited to 30 people**.

Contact:

For further information contact the Dissemination Coordinator of SCARABEUS:

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Contents and Schedule:

Partner	Topic of webinar	Date
Politecnico di Milano	Introducing SCARABEUS: objectives and current results	November 25
University of Seville	Introduction to power plant modelling and simulation	December 2
Abengoa	Modelling and simulation of solar fields	December 9
University of Brescia	Modelling and simulation of fluid properties	December 16
Politecnico di Milano	The role of Thermal Energy Storage systems in CSP	January 13
City University of London	Design and simulation of turbomachinery	January 20
Technical University Vienna	Design and simulation of high temperature Thermal Energy Storage systems	January 27
Quantis	Life Cycle Analysis of Concentrated Solar Power plants	February 3
Energy and Environment Laboratory	Natural Capital Valuation of Concentrated Solar Power plants	February 10

Webinars are due to start at 13:30 (CET) and end at 14:30 (CET)