



EU BIOPROCESS ENGINEERING COURSE

Principal Doctoral / Post Doctoral Course
Supetar, Island of Brac, Croatia

Waterman Svpetrvs Resort
23rd – 29th September 2023

<http://www.brac-eubec2023.com/>

The 2023 EU Bioprocess Engineering Course will be held again on the beautiful Adriatic Island of Brac in Croatia. It is already the 34th anniversary of this long-running, highly successful Series of Courses. The next one will take place from 23rd to 29th September 2023 in Supetar on the one of the most beautiful Adriatic Islands.

It is organised under the auspices of Working Group on Bioreactor Performance. All of the lectures will be given by Internationally Distinguished University Lecturers and by Leading Experts from Multinational Companies.

This updated course covers the full spectrum of bioprocess engineering, from genetic concepts for micro-organisms used to produce pharmaceutical and other products via microbial physiology, bio-reaction kinetics, bioreactor design and scale-up. The organisms considered range from simple bacteria to highly specialised animal cell cultures, recombinant organisms and stem cells. There is also a strong coverage of measurement, control and optimisation and how they interact with each other and with the specific bioreaction of interest. Finally, there is a broad-brush coverage of downstream processing.

The lectures are supplemented by computer-based exercises, discussions and a Design Case Study. Participants are also encouraged to bring posters of their work with selected candidates being invited to make short oral presentations (of approximately 5 minutes duration), at a ‘Speakers’ Corner’.

Finally, there is a rich Social Programme, which ensures that there are many opportunities to discuss the course with the lecturers.

The Course is directed specifically for Ph.D. Students, Experienced Bioprocess Engineers and Biotechnologists from Research Institutes, Universities and Industry from all of The World (up now from 43 countries). Participants are expected to have a background in chemical / biochemical engineering, biotechnology, a biological science or a related discipline. The lecturers are all acknowledged specialists in their fields, such that the course also provides a forum for highlighting recent research in relevant areas.

**European Bologna Studies System recognizes 5 Credits
to the Certificates of BEC**

Organizing Committee EU BEC 2023

**There are PLENTY Good Reasons for Your Participation, Therefore,
Come and Join us in 2023 !**