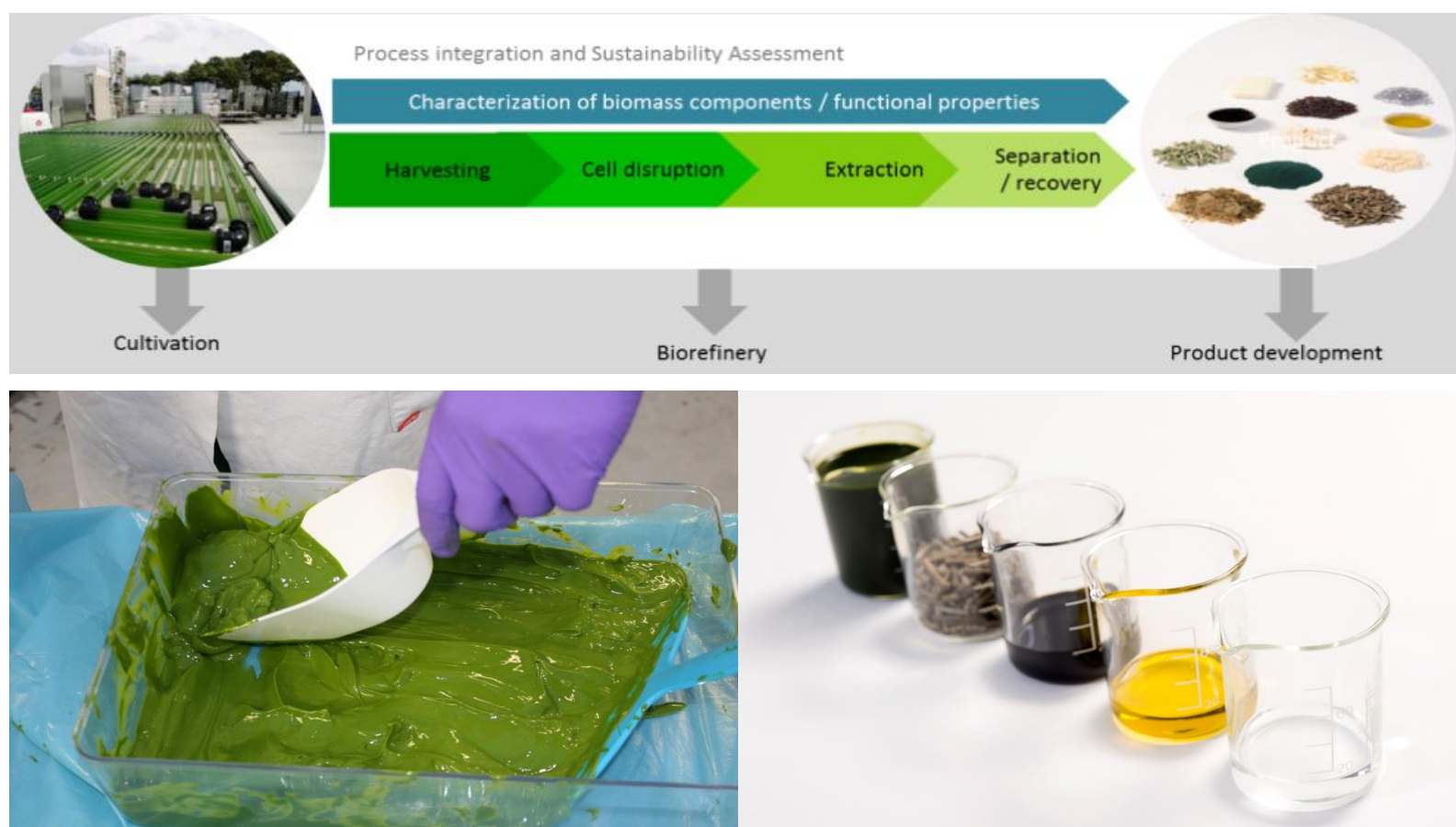


Postgraduate Course

Microalgae Biorefinery:

18 – 20 July, 2016

(Bioprocess Engineering - AlgaePARC, Wageningen, The Netherlands)



AIM OF THE COURSE

This course provides the essential skills for designing optimal microalgae-based biorefineries, from unit operations to the entire process chain, for both research and commercial applications and to be able to address the present bottlenecks in the process chain.

COURSE CONTENTS

Through lectures, digital cases and short practicals, the participants will learn: 1) to describe different process units for each process step in the microalgae biorefinery chain; 2) to evaluate and optimize the process units by setting up mass/energy balances for each unit; 3) to integrate the different process units in a process chain and to 4) integrate the acquired knowledge into optimal process chains for different business cases with different combinations of end products.

PARTICIPANTS

The course is aimed at PhD students, postgraduate and postdoctoral researchers, as well as professionals, that would like to acquire a thorough understanding of microalgal biorefinery. An MSc level in (bio)process technology, or alike, is recommended.

Please note that this course will focus on the biorefinery of microalgae. In the course "Microalgae Process Design" (Wageningen, 8-15 July 2016) the biology and cultivation of microalgae are covered. When taking both courses we can offer a reduction in total course fee. For more information, please contact Chantal Doeswijk (Chantal.Doeswijk@wur.nl).

COURSE LECTURERS & ORGANIZERS

Bioprocess Engineering - AlgaePARC, WU

Prof Michel Eppink, Dr. Maria Barbosa & Dr Giuseppe Olivieri (course leaders), Dr Rouke Bosma

Food and Biobased Research, Wageningen UR

Dr Ben van den Broek, Dr Carl Safi, Dr Dorinde Kleinegris

TNO Innovation for Life, Zeist

Dr Corjan van der Berg

Almería University, Spain

Prof Gabriel Acien Fernandez

The Graduate School VLAG, WU

Ingeborg van Leeuwen-Bol

COURSE FEES ¹

VLAG / WU PhD candidates	€ 200,-
All other PhD candidates	€ 400,-
Postdocs, and other academic staff	€ 600,-
Participants from the private sector	€1200,-

¹ includes materials, lunches/tea/coffee, and one course dinner.

REGISTRATION AND INFORMATION

www.vlaggraduateschool.nl/courses/algae-biorefinery.htm

For information contact:
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