

BRISK

BIOFUELS RESEARCH INFRASTRUCTURE

BIOFUELS SUMMER SCHOOL 2018

Are you....
Interested in biofuels?
A biofuels researcher?
Utilising biomass and waste?

Register for BRISK2's first Summer School and learn about:

Biomass Characterisation · Pre-treatment · Fermentation · Gasification · Pyrolysis
Anaerobic Digestion · Combustion · Catalysis · Chemicals · Biorefinery & more

Theme: An Introduction to Biofuels Production

Location: CERTH, Thessaloniki, Greece

Dates: Wednesday 20th June 2018 - Friday 22nd June 2018

Ideal for: Early career researchers and industry professionals

Cost: Free to attend with light refreshments and lunch

**Summer
School Now
Full!**



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WWW.BRISK2.EU/SUMMER-SCHOOL

OVERVIEW

The BRISK2 Biofuels Summer School will provide Early Career Researchers and Industry Professionals with a firm grounding in the analysis, science and technologies of biomass and waste processing to produce biofuels.

At the end of the summer school, course participants will have a clear understanding of the thermal, biological, catalytic and physical processes required to effectively and efficiently convert biomass waste into valuable fuel.

Each session will consist of a presentation by a knowledgeable member of the BRISK2 team, followed by interactive workshops, case studies, examples and discussions.

Places on the summer school are free to registered participants and include lunch and light refreshments. Accommodation, breakfast and evening meals will not be provided.

To register and reserve your free place, visit:

www.brisk2.eu/summer-school

Summer School Enquiries to p.try@aston.ac.uk

Summer School Co-ordinator

Pippa Try p.try@aston.ac.uk

+44 121 204 4629



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CERTH Leader

Kyriakos Panopoulos

panopoulos@certh.gr



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PROGRAMME AND SPEAKERS

Biofuels Summer School 2018—CERTH, Greece

Wednesday 20 June 2018—Biological Processing		
09.00	Welcome & Introduction	Andrew Martin KTH Kyriakos Panopoulos CERTH
09.30	Biomass Characterisation & Feedstocks	Norbert Kienzl – BE2020+ Wim Mulder – Wageningen Research
11.00	Pre-treatment	Florbela Carvalheiro - LNEG
12.30	<i>Lunch</i>	
13.30	Fermentation	Francisco Girio - LNEG
15.00	<i>Refreshments</i>	
15.30	Anaerobic Digestion	Andrea Lanzini - Politecnico di Torino
17.00	CASE STUDIES	Katie Chong, Bernd Wittgens, Kyriakos Panopoulos
<i>Dinner and accommodation at delegates' own choice</i>		
Thursday 21 June 2018—Thermal Processing		
09.00	Gasification	Wiebren de Jong - TU Delft
10.30	<i>Refreshments</i>	
11.00	Pyrolysis	Katie Chong - Aston University
12.30	<i>Lunch</i>	
13.30	Combustion	Stefan Retschitzegger - Bioenergy 2020+
15.00	<i>Refreshments</i>	
15.30	Catalysis and Chemicals	Angelos Lappas—CERTH
17.00	CASE STUDIES	Katie Chong, Bernd Wittgens, Kyriakos Panopoulos
<i>Dinner and accommodation at delegates' own choice</i>		
Friday 22 June 2018—Biorefineries		
09.00	Integration	Nicolaus Dahmen – KIT Bernd Wittgens - SINTEF
10.30	<i>Refreshments</i>	
11.00	Proteins	Wim Mulder - Wageningen Research
12.30	<i>Lunch</i>	
13.30	CASE STUDIES Presentations	Katie Chong, Bernd Wittgens, Kyriakos Panopoulos
15.00	Prize presentations & Closing Address	Aston University and CERTH
	Tour of CERTH facilities	CERTH
17.00	<i>End of Summer School</i>	

SPEAKERS

Register at www.brisk2.eu/summerschool

Andrew Martin
BRISK2 Project Co-ordinator



Wiebren de Jong
Gasification



Norbert Kienzl
Biomass Characterisation and Feedstocks



Stefan Retschitzegger
Combustion



Florbela Carvalho
Pre-Treatment



Angelos Lappas
Catalysis and Chemicals



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Francisco Girio
Fermentation



Nicolaus Dahmen
Process Integration



Karlsruhe Institute of Technology



Andrea Lanzini
Anaerobic Digestion



Wim Mulder
Biorefining Protein
Containing Biomass



Katie Chong
Pyrolysis



Bernd Wittgens
Learning Support Tutor



VISITOR TRAVEL ADVICE - CERTH, GREECE

Address: Centre for Research & Technology, Hellas (CERTH), 6th km Charilaou-Thermi Rd, GR 57001, Thessaloniki, Greece

For maps and directions visit: www.certh.gr



Centre for Research & Technology is one of the largest research organisations in Greece, with seven institutes across the country.

CERTH's Thessaloniki location is approx. 9km from the airport and 11km from the city centre.

Visa Compliance

Visit www.mfa.gr for visa advice, requirements and exemptions in Greece.

Flights

Nearest Airport: Thessaloniki International Airport (Makedonia), 13km from Thessaloniki city centre.

Visit www.hcaa.gr/en/our-airports

Transfers to city centre: By bus or taxi. Free airport transfers available with some hotels.

Bus number 78 from the airport, departs every 30 minutes. Single fare €2 one way.

Taxi €12-15. Radiotaxi tel: Macedonia Taxi +30 2310 550 500 / Taxi Way 2310 866 866 or Mercedes Club Taxi 2310 525 000. Alternatively, [download](#) the Taxi 'Beat Ltd App to book and track

Electra Palace Hotel (5*) €105-140

www.electrahotels.gr

Macedonia Palace (5*) €100-120

www.makedoniapalace.com

Excelsior (5*) €100-260 www.excelsiorhotel.gr

Local Travel Information

Local bus route information: www.oasth.gr

Download the OASTH Bus App for live departures

Buses from City Centre: No. 10 from any bus stop on Egnatia Street to Nea Elvetia Terminus, then transfer to No. 66 to CERTH campus bus station.

Any single bus journey costs €1. Tickets can be pre-purchased from kiosks or at ticket machines on buses. Ticket machines accept exact coins only. Notes, credit or debit cards will not be accepted and no change will be given.

Taxi from city centre to CERTH: €10-15

Local tourist advice: Thessaloniki Travel

Eating out Allow €8-€20meal

Accommodation

Prices include VAT & Breakfast

Nearest Hotels to Venue (5-10km from CERTH) :

Hotel Avalon (4*) €49-86 www.avalonhotel.gr

Note - nearest hotels have reduced transport and tourist connections.

City Centre & Coastal Hotels (10-15km from CERTH)

Metropolitan Hotel (3*) €42-50 www.metropolitan.gr

ABC (3*) €52-68 www.hotelabc.gr

City Hotel (4*) €73-110 www.cityhotel.gr

Mediterranean Palace (5*) €100-150

www.mediterranean-palace.gr

Currency: Euro (EUR). Prices correct February 2018