

Webinar series on biological carbon capture and utilization (BCCU)

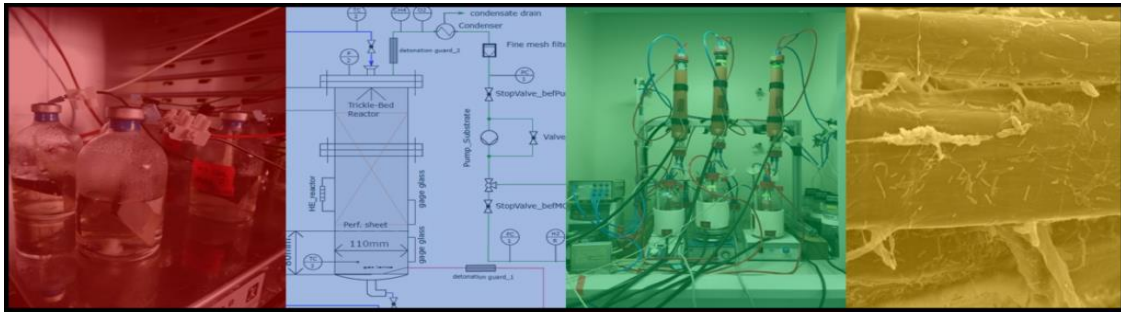
Program of topic 5: Microbial consortium analysis

18.05.2021, 13:00-16:00 CET

TIME	SPEAKER	TITLE OF PRESENTATION
13:00-13:30	Irini Angelidaki	Keynote
13:30-13:40	Nikola Hanišáková	Underground gas reservoir: the rich source of methanogenic archaea
13:40-14:05	Marceli Marzynski	Operation of a continuous anaerobic trickle-bed reactor for microbial acetate production
14:05-14:30	Nadine Loibl	Investigation of acetogenic mixed culture in a trickle-bed set-up
14:30-14:55	Tobias Böhm	Influence of hydrogen partial pressure on methane production with mixed culture in a trickle-bed set-up
14:55-15:20	Lydia Rachbauer	Deconstruction and conversion of marine seaweed by a kyphosids` gut microbiome
15:20-16:00	Short presentations and discussion	

Per speaker: 15-20 min presentation + 5 min discussion

For Zoom link & password please register via email to
registration.biocarboncapture@boku.ac.at



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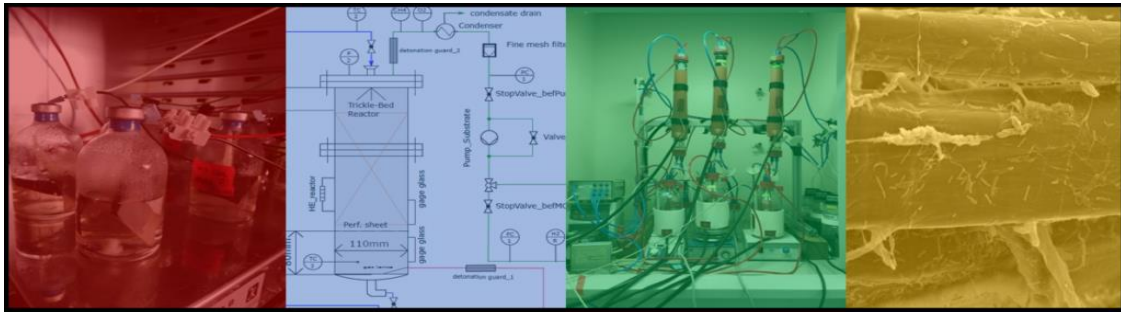
Program of topic 6: Process engineering and modelling

25.05.2021, 13:00-16:00 CET

TIME	SPEAKER	TITLE OF PRESENTATION
13:00-13:30	Michael Harasek	Keynote
13:30-13:55	Barbara Weiß	Evaluation and upscaling of a lab scale homoacetogenesis process with trickling bed reactor using fluid dynamic calculations and process simulation
13:55-14:20	Elena Holl	Development of an innovative process chain generating resource efficient biofuel based on methane
14:20-14:45	Annalisa Abdelazim	(B)eating methane through biological oxidation: an overlook on <i>Methylocella tundrae</i> potential role in methanol production
14:45-15:10	Antti Nyysölä	Production of microbial biomass for food applications by gas fermentation of Knallgas bacteria
15:10-16:00	Short presentations and discussion	

Per speaker: 15-20 min presentation + 5 min discussion

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Program of topic 7: Life cycle assessment

01.06.2021, 13:00-15:00 CET

TIME	SPEAKER	TITLE OF PRESENTATION
13:00-13:30	Joana Portugal Pereira	Keynote
13:30-13:55	Iris Kral	Life cycle assessment of biogas systems
13:55-14:20	Gerfried Jungmeier	LCA of e-fuels for transportation services – methodological issues and examples
14:20-14:45	Kari-Anne Lyng	Life cycle assessment of CO ₂ from upgrading of biogas in greenhouse tomato production
14:45-15:00	Günther Bochmann	Closing address

Per speaker: 15-20 min presentation + 5 min discussion

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Zürich University of Applied Sciences

