

LEARN & CONNECT 6

Advancing Upstream Bioprocessing
through Digitalization and Automation

[A Scientific Deep-Dive]

Presented by:



securecell



GETINGE



Wednesday,

November 25, 2026

Getinge-Applikon, Delft

SPONSORS:



Kühner shaker



HAMILTON



DATAHOW

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Shape the Future of Bioprocessing

Speakers



**Ana Helena
Valdeira Caetano,**
PhD Candidate
DTU



Philipp Pably,
PhD Candidat
DTU



Brenda Juárez Garza,
PhD Candidate
TU Delft



Dr. Karin Overkamp,
Bioprocessing
Specialist,
Getinge



**Dr. Marcel
Zevenbergen,**
Tech Lead, (Bio)
chemical Sensors,
imec

Program

08:30 Welcome coffee & registration

09:00 **DTU Chemical and Biochemical Engineering
From offline models to online decisions:
Advanced model applications for
bioprocesses**
Ana Helena Valdeira Caetano

09:30 **Online oxygen consumption rate
measurements to facilitate scalability of
blood cell production**
Brenda Juárez Garza*

10:30 **Workshop at Getinge / Applikon**

12:00 Lunch

13:00 **Tour – Bioprocessing Lab at TU Delft**
Introduction by Christiaan Mooiman

14:30 Presentations by event sponsors*

16:00 **Advancing bioprocess control: Integrating
software-hardware architectures to create
new control options**
Dr. Karin Overkamp

16:30 **Manufacturing Biology with Smart Silicon:
Overcoming Analytical Bottlenecks in
Advanced Therapy Production**
Dr. Marcel Zevenbergen

17:00 Networking, snacks & drinks

*Followed by a 30 min break

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For questions / additional info

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