



# AIR-LIQUID INTERFACE EXPOSURE WITH CLOUD AND POWDER SYSTEMS

October 22-23, 2024

## INVITATION

LUXEMBOURG  
INSTITUTE OF SCIENCE  
AND TECHNOLOGY



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## OVERVIEW & LOCATION

### AIR-LIQUID INTERFACE EXPOSURE WITH CLOUD AND POWDER SYSTEMS

We are pleased to invite you to our workshop. This event promises to be an interactive workshop where participants gain new insights and develop practical solutions. Take this opportunity to connect with fellow professionals and expand your knowledge. We look forward to your participation and an inspiring workshop together!

**The registration fee of 150,00 € comprises the workshop, coffee breaks, lunch and dinner.**

The number of participants is limited to 12 - allocation will take place on a first come - first served basis.

**Hotel recommendation:** [ibis Esch Belval](#), 12 Av. du Rock'n'Roll, L-4361 Esch-Belval Esch-sur-Alzette

#### Tuesday | October 22, 2024

13:00–17:30 Workshop at Luxembourg Institute of Science & Technology  
19:00 Joint dinner in Belval

#### Wednesday | October 23, 2024

08:30–12:30 Workshop at Luxembourg Institute of Science & Technology  
12:30–13:30 Lunch and farewell

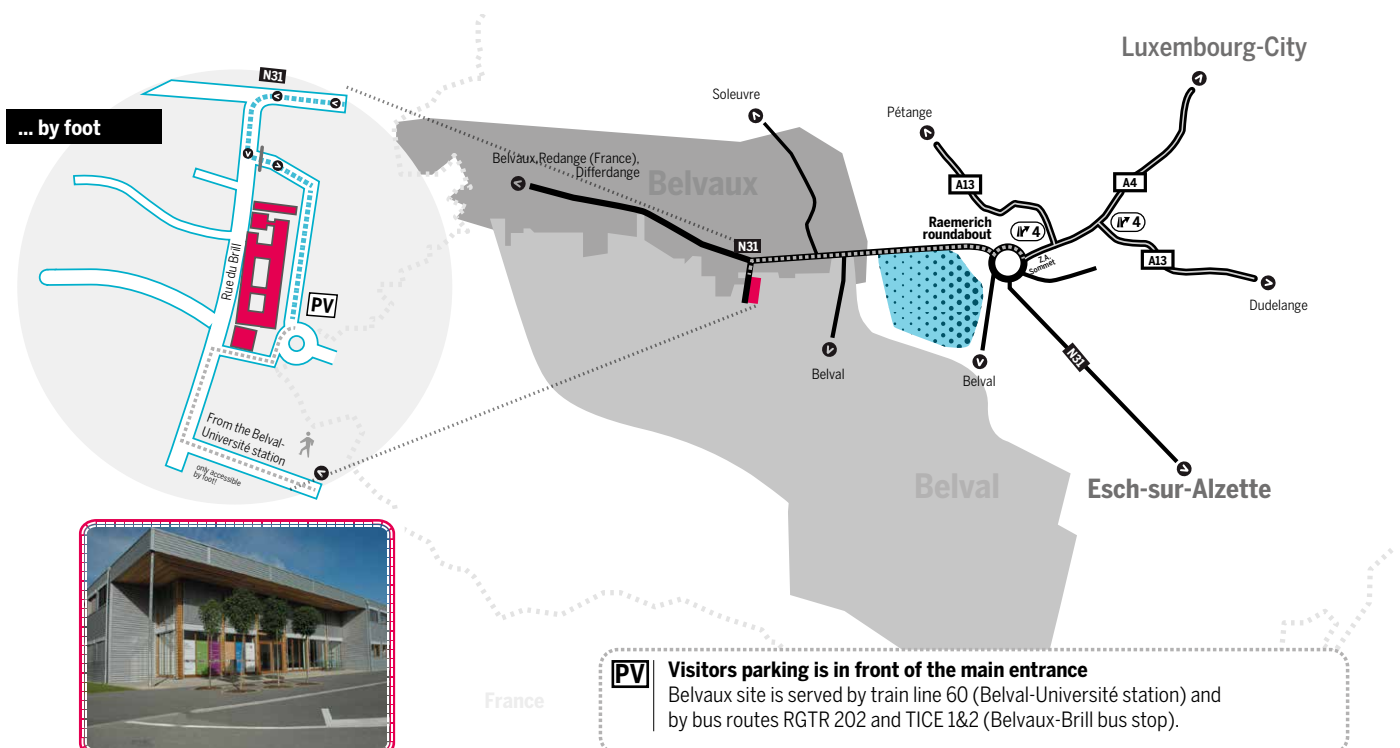
## Luxembourg Institute of Science & Technology - LIST

[41, rue du Brill](#)

[L-4422 Belval](#)

Tel.: +352 275 888 - 1

GPS : 49°,50'6945" / 5°,94'3900





# AGENDA: TUESDAY | OCTOBER 22, 2024

## AIR-LIQUID INTERFACE EXPOSURE WITH CLOUD AND POWDER SYSTEMS

13:00	Get Together	
13:00–13:15	Overview & briefing	<i>Prof. Arno Gutleb   LIST Group Leader Environmental Health Managing Director invitrolize</i>
13:15–13:30	LIST tour	<i>Dr. Tommaso Serchi   LIST Lead Scientist Environmental Health</i>
13:30–14:15	Status of 3D lung models	<i>Prof. Arno Gutleb   LIST Group Leader Environmental Health Managing Director invitrolize</i>
14:15–15:30	Preparation of a 3D alveolar epithelial barrier	<i>Servane Contal   LIST Senior R&amp;T Engineer</i>
15:30-15:45	Coffee Break	
15:45–16:30	Introduction to exposure at the air-liquid interface using Cloud and Dry Powder Systems	<i>Dr. Paul Schumacher   VITROCELL Product Group Manager Cloud Systems</i>
16:30–17:30	Test runs for exposure and dosimetry using Cloud Systems	<i>Dr. Paul Schumacher   VITROCELL Product Group Manager Cloud Systems</i>
19:00	Joint Dinner	

CELL CULTURE INSERTS  
are kindly provided by

**cellQART**<sup>®</sup>  
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# AGENDA: WEDNESDAY | OCTOBER 23, 2024

## AIR-LIQUID INTERFACE EXPOSURE WITH CLOUD AND POWDER SYSTEMS

08:30–09:00

Get Together / Coffee

09:00–09:30

Quality assessment of 3D cell cultures from the previous day

*Dr. Pamina Weber | LIST  
Senior R&T Scientist*

09:30–10:00

Preparation of air-liquid interface exposure using Cloud Systems

*Dr. Pamina Weber | LIST  
Senior R&T Scientist*

10:00–10:30

Coffee Break

10:30–12:00

Exposure at the air-liquid interface using Cloud Systems

*Dr. Paul Schumacher | VITROCELL  
Product Group Manager Cloud Systems*

Exposure at the air-liquid interface using Dry Powders (demo only)

*Maik Schultheiss | VITROCELL  
Junior Product Manager Powder Systems*

12:00–12:30

Cell viability assessment

*Dr. Pamina Weber | LIST  
Senior R&T Scientist*

12:30–13:30

Lunch and farewell





# PARTICIPANTS

## AIR-LIQUID INTERFACE EXPOSURE WITH CLOUD AND POWDER SYSTEMS

No.	Title	Last Name	First Name	Company	Country	Dinner
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12	Prof.	Gutleb	Arno	Luxembourg Institute of Science and Technology	LU	1
13	Dr.	Serchi	Tommaso	Luxembourg Institute of Science and Technology	LU	1
14	Mrs.	Contal	Servane	Luxembourg Institute of Science and Technology	LU	1
15	Mrs.	Weber	Pamina	Luxembourg Institute of Science and Technology	LU	1
16	Mr.	Schultheiß	Maik	Vitrocell Systems GmbH	DE	1
17	Mr.	Heber	Martin	Vitrocell Systems GmbH	DE	1
18	Dr.	Schumacher	Paul	Vitrocell Systems GmbH	DE	1