



NEWSLETTER

**We value your opinion! Make your voice heard by in our ongoing survey.
Please note that this is the same survey that was circulated after
MicroTAS 2024.**

[Take Survey](#)

MicroTAS 2025 - Adelaide, Australia 2 - 6 November 2025

The 29th International Conference on Miniaturized Systems
for Chemistry and Life Sciences - Micro-Total Analysis
Systems

Confirmed Plenary Speakers:

[Moran Bercovici](#)

Technion University, ISRAEL

[Erica Cheung](#)

Ethics in Entrepreneurship, USA

[Maria Forsyth](#)

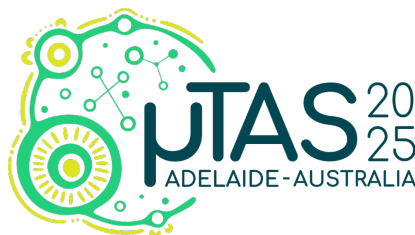
Deakin University, AUSTRALIA

[Noo Li Jeon](#)

Seoul National University, KOREA

[Cather Simpson](#)

University of Auckland, NEW ZEALAND



Important Dates:

Abstract Submission Deadline:

Tuesday, 20 May 2025

Author Notification:

15 July 2025

Hot Topics for MicroTAS 2025 Include:

- Extreme and Remote Environments
- Organoids and Microphysiological Systems
- Sustainability, Energy and Resources
- Wearables, Injectables and Ingestibles

MicroTAS 2025 Website



μTAS^{tic}

fields? Join us at microTAStic, a limited monthly virtual seminar series!

March 14, 2025 at 8AM Pacific Time

Opening talk selected from hot papers published in Lab on a Chip:

**Microenvironments with fluid walls for
engineered neurobiology in a dish**

Dr. Federico Nebuloni (Advisor: Dr. Richard Wade-Martins)



Bottom-Up Assembly of Synthetic Cells

Dr. Joachim Spatz, Max Planck Institute for Medical Research

[Register Here](#)

Sponsored by:



Microsystems &
Nanoengineering
www.nature.com/micronano

CBMS Sponsored Special Topic Meetings

CBMS is proud to sponsor special topic meetings, designed to bring relevant, focused topical content to our community. The meetings are carefully designed to complement technical content offered at our flagship, annual international conference, MicroTAS.

**Micro Flow and Interfacial
Phenomena**

The scientific objective of μ FIP is to bring together the phase change and single-phase heat transfer, multi-phase flow, bio-chemical and bio-medical engineering, and micro flow process communities with an emphasis on energy applications having components exhibiting microchannel flow or microscale surface phenomena (e.g., droplets, thin films, bubbles, etc.).

Abstracts Due: 3 March 2025

[\$\mu\$ FIP Website](#)



Conference Chairs:

[Jonathan Boreyko](#)

Virginia Tech, USA

[Kyoo-Chul Kenneth Park](#)

Northwestern University, USA

[Xianming Simon Dai](#)

University of Texas, Dallas, USA

[Yangying Zhu](#)

UC Santa Barbara, USA



Diagnostics for Global Health

The goal of the Diagnostics for Global Health Workshop series will be to bring together multiple communities who are focused on developing and implementing diagnostic technologies for global health applications. This includes communities that research, develop, and commercialized microfluidic technologies as well as public health and clinical professionals who strategize,

Conference Chairs:
Maiwenn Kersaudy-Kerhoas Heriott-
Watt University, UK
Jacqueline Linnes
Purdue University, USA
Debjani Paul
IIT Bombay, India

implement, and evaluate new technologies and systems.

Abstracts Due: 21 April 2025

Global Health Website

For Our First Newsletter - What is the CBMS?

CBMS sponsors the annual **International Conference on Miniaturized Systems for Chemistry and Life Sciences**, known as the Micro Total Analysis Systems (MicroTAS) conference, as well as affiliated Special Topic Meetings (STMs) and the new MicroTAS virtual seminars. The MicroTAS conference has been held since 1994, first on a biennial basis, and since 2000 on an annual basis.

CBMS currently consists of a Board of Directors who are drawn from leaders in microfluidic research from around the world, with roughly equal representation of three geographic regions: Asia/Pacific, Americas, and Europe/Africa.



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Aaron Wheeler
University of Toronto
CANADA

CBMS Welcomes New Directors

In October 2024 at the Montreal meeting, we welcomed Dr. **Lourdes Basabe Desmonts** as a new director and **Rebecca Pompano** was elected as our new treasurer. Welcome Lourdes and Good luck Rebecca!



Dr. Lourdes Basabe-Desmonts, PhD, is the Director of the Microfluidics & BIOMICS Cluster at the University of the Basque Country (UPV/EHU) in the Basque Country in Spain. Her research team is focused on the development of lab-on-a-chip technologies for point-of-care diagnostic tests and analytical platforms. She joined the MicroTAS community in 2008.



Dr. Rebecca Pompano, PhD, is a Shannon Mid-Career Fellow and Associate Professor in the Departments of Chemistry and Biomedical Engineering at the University of Virginia in the United States. Her laboratory develops microfluidic and organ-on-chip models of the lymph node and immune response. She joined the MicroTAS community in 2015 and looks forward to serving the CBMS in this new role.

CBMS forms new committee to strengthen relationships with our wonderful sponsors and

exhibitors: SpEx

The overall mission of the new CBMS Sponsors and Exhibitors (SpEx) committee is to foster strong, long-lasting partnerships with companies and other stakeholders, and to build robust infrastructure to support the long-term financial sustainability of the microTAS conference and other CBMS-related activities. By fostering collaboration and providing valuable opportunities for sponsors and exhibitors, the CBMS SpEx committee aims to enable the further expansion of CBMS activities to support broader initiatives that benefit the scientific community. This committee is Chaired by [Sindy K.Y. Tang](#) of Stanford University (USA), who brings energy and vision into the role. Inaugural committee members include [Govind Kaigala](#), [Andreu Llobera](#) and [Kazuma Mawatari](#).

If you have ideas or suggestions for this committee or would like to be involved, please contact [Dr. Tang](#) and/or fill out the [survey](#).

Get Involved! Leadership and Volunteering Opportunities

- Help review abstracts for MicroTAS! This valuable service lets you keep up with cutting edge science in your field, while contributing to the community. The Technical Program Committee is the most common entry point for joining the MicroTAS and CBMS leadership community. Sign up here: [Technical Program Committee Interest Form](#)
- Help the new SpEx committee to help build relationships with potential sponsors and support the MicroTAS meeting. This is a good opportunity for people who like to connect with others, particularly in industry.
- Contact at info@cbmsociety.org for more information.
- Volunteer to help with the Adelaide meeting. Potential roles include Poster Judging Committee, helping plan social events, and others. Contact at info@cbmsociety.org for more information.

Chemical and Biological Microsystems Society | 307 Laurel Street | San Diego, CA 92101 US

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