

Abstract book

36th Annual Conference of the
German Society for Cytometry

Many
Cytometry
Technologies
- One Society:
DGfZ



Pre-Program

September 22 - 23, 2026

Tutorials and Welcome to the DGfZ - Young Cytometry

Conference

September 23 - 25, 2026

including Welcome Reception, Core Facility Networking Event
and Meet the Speaker

Venue

CRTD, Center for Regenerative Therapies Dresden
Fetscherstrasse 105, 01307 Dresden

dgfz.org



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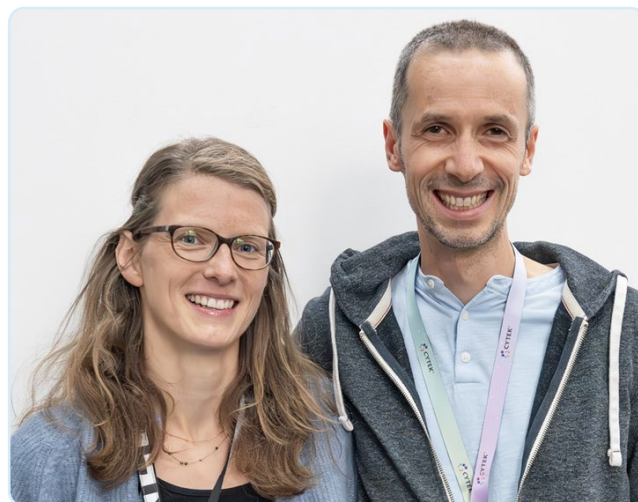
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Sponsor Poster prize
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Welcome to the 36th Annual Meeting of the German Society for Cytometry



It is our great pleasure to welcome you to the 2026 Annual Meeting of the German Society for Cytometry, taking place from September 22 to 25 at the Center for Regenerative Therapies Dresden (CRTD) under this year's theme:

“Many Cytometry Technologies – One Society.”

This theme reflects what makes our community special: the diversity of cytometric technologies, expertise, and applications united by a shared commitment to quantitative cell science. By bringing together researchers, clinicians, core facility professionals, technology developers, industry partners, and early-career scientists, we hope to create a meeting that encourages exchange across methodological and disciplinary boundaries.

The 2026 program embraces this breadth from the very beginning. **Tutorials** and **hands-on activities** address topics ranging from FlowJo™ v11 and the measurement of submicron particles to Flow Vibe Coding, the financial management of core facilities, and a direct comparison of mass cytometry and spectral flow cytometry. The “**Welcome to the DGfZ – Young Cytometry**” meeting provides a dedicated opportunity for young colleagues to connect with our community.

The scientific sessions continue this broad perspective, with dedicated sessions on **Computational Cytometry**, **Mass Cytometry**, **Imaging and Spatial Transcriptomics**, **Clinical Applications**, and **Technical Developments** and **Emerging Technologies**. A **Core Facility Session**

and the **Product Slam** further strengthen the exchange between scientific practice, technology development, and industry.

We are especially pleased to welcome the **Iberian Society for Cytometry** for this year's **European Guest Session**, continuing our tradition of strengthening international links within the cytometry community. Another highlight will be the **Klaus Goertler Keynote** by Prof. Ulrich Keyser from the University of Cambridge, followed by the award ceremony for the this years **Klaus Goertler prize winner** Dr. Tobias Walther. Beyond the lectures and sessions, we warmly encourage you to make full use of the **poster session**, the **comprehensive industry showcase**, and our **social activities** that promote informal exchange and collaboration.

On behalf of the German Society for Cytometry and the organizing committee, we thank you for joining us again in Dresden.

We wish you an inspiring, stimulating, and memorable meeting.

Best regards,

Claudia (Vice President) and
Oliver (President)
German Society for Cytometry

Tuesday 22.09.2026 - Pre program

12:00 pm – 2:30 pm



BD - Hands-on Workshop: FlowJo™ v11 Software

This hands-on workshop introduces participants to the next generation of cytometric data analysis using FlowJo™ v11 Software. Through guided, practical exercises, attendees will analyze a shared high-dimensional data set while exploring the new immersive workbench and its core concepts.

3:00 pm – 5:30 pm

Tutorial 1 – Measuring Submicron Particles: Challenges, Theory, and Practical Solutions

By Jochen Behrends, Borstel and Anne Gompf, Technische Universität Dresden

5:30 pm – 6:30 pm

Welcome to the DGfZ – Young Cytometry

Whether you are new to the DGfZ or have been with us for years: come by, meet us and each other, and start the meeting together!
Backyard by the tent

5:30 pm – 6:30 pm

DGfZ Working Group "Mass Cytometry" – Members Meeting

Meeting Room (2.238), 2nd Floor

6:30 pm – 8:00 pm

Tutorial 2 – Calculating finances in Core Facilities

Chair: Claudia Giesecke-Thiel, Berlin

Speaker: Juliane Hoth, Dresden – Advisor Technology Platforms & Co-Speaker Financial & Legal Framework of Core Facilities, Elmar Endl, Bonn

As the focus here is on DFG-specific guidelines and technical terminology, the session will be conducted in German.

Wednesday 23.09.2026 - Pre program

9:00 am- 11:00 am

Tutorial 3 – Flow Vibe Coding

Tobias Kamman, PhD, Postdoctoral Fellowship Scientist, Basel, Switzerland

Learn how to use AI to “vibe code” custom R Shiny apps that automate the tedious parts of your flow cytometry analysis.

Requirement: please bring your laptop with R and RStudio pre-installed.

9:00 am - 11:00 am

Tutorial 4 – Mass Cytometry vs Spectral Flow Cytometry

Linda Hammerich¹, Axel R Schulz²

¹Charité – Universitätsmedizin Berlin, Germany

²Mass Cytometry Core Facility, German Rheumatology Research Center (DRFZ), a Leibniz Institute, Berlin

Panel Design for Spectral Flow and Mass Cytometry: From Principles to Practice

Wednesday 23.09.2026 - Conference

11:00am - 11:45 am *Registration & light lunch & Poster set up*

11:45 am - 12:00 pm

Welcome by Oliver Otto, President DGfZ

12:00 pm - 1:00 pm

Core Facility Session

Chairs: Anne Gompf & Jochen Behrends

- > Jochen Lamote, Leuven, Belgium
- > Helena Jambo, Chur, Switzerland and Dresden, Germany

1:00 pm - 2:pm

European Guest Session: Sociedad Ibérica de Citometría (SIC)

Chairs: Oliver Otto, Greifswald, Jochen Behrends, Borstel

- > Catarina Martins, PhD, Professora Auxiliar – Imunologia NOVA Medical School, Lisboa, Portugal
- > Rebeca Sánchez Dominguez, PhD – Biomedical Sciences | Head of LACISEP – CIEMAT, Madrid, Spain

2:00 - 2:45 pm *Coffee Break & Industry exhibition*

2:45 pm – 4:00 pm

Session 1: Computational Cytometry

Chair: Bastian Höchst, München

- > Lorenzo Bonaguro, Bonn, Germany
- > Short talk: Maria Valeska Bianchi-Martin, Curiox
- > Short talk: Marvin Weis, Tübingen, Germany

3:35 pm - 4:15 pm *Coffee Break & Industry exhibition*

4:00 pm - 6:00 pm

Klaus Goerttler Session

Chair: Oliver Otto

Klaus Goerttler Prize Winner

> Tobias Walther

Klaus Goerttler Lecture

> Ulrich F. Keyser, Cavendish Laboratory, University of Cambridge, UK



6:00 pm - 10:00 pm, **Welcome Reception**
in the Exhibition area, sponsored by

Waters™
Biosciences
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Including time to view the posters until 10:00 pm.

7:30 pm - 10:00 pm

Core Facility Networking Event

Chairs: Désirée Kunkel, Sarah Warth

This Core Facility Networking Event is an opportunity to meet colleagues and share your experiences and challenges working in a core facility. We will have short presentations and hands-on (or rather brain-on) time on a selected topic for you, and lots of time for discussions afterwards.

We want to spend a wonderful evening with you at the DGfZ meeting 2026 in Dresden, with food & beverages & YOU!

Thursday, 24.09. 2026

8:30 am – 10:00 am

DGfZ Members Assembly

10:00 am – 10:30 am Coffee Break & Industry exhibition

10:30 am – 11:30 am

Session 2 – Mass Cytometry Session

Chairs: Axel R Schulz, Claudia Peitzsch

- > Ezgi Senoglu, CRTD Dresden
- > Short Talk: Mehmet Serdar Kocag, Berlin
- > Short Talk: Niclas Schierloh, Freiburg

11:30 am – 11:45 pm Coffee Break & Industry exhibition

11:45 pm - 1:00 pm

Product Slam

Chairs: Elmar Endl, Tom Bauer & Lisa Budzinski

- > The industry partners will each present their latest innovative technological developments and products in three minutes.

1:00 pm – 2:00 pm Lunch & Industry exhibition

2:00 pm – 4:15 pm

Poster Session & Industry exhibition

Chairs: Oliver Otto, Claudia Giesecke-Thiel

4:15 pm – 5:30 pm

Session 3 – Imaging and Spatial Transcriptomics

Chairs: Anja Hauser, Raluca Niesner, Berlin

- > Adrien Hallou, Kennedy Institute, Oxford, UK
- > Short Talk: Deniz Tasgin
- > Short Talk: Leonard Fiebig, Berlin, Germany

We change the venue for the "Meet the Speaker" Event

5:45 pm - Departure by bus from the CRTD to the "Meet the Speaker" event.

Venue: Elbterasse Wachwitz, Altwachwitz 14, 01326 Dresden

6:00 pm – 11:00 pm

Meet the Speakers - sponsored by Stratocore S.A.S. & award ceremony - all participants are invited to join

At 11:00 pm, there will be a shuttle bus back to Hotel Terrassenufer and to Postplatz.

Friday, 25.09. 2026

9:00 am – 10:15 am

Session 4 – Clinical Applications

Chairs: Hyun-Dong Chang, Berlin, Axel Schulz, Berlin

- > Birgit Sawitzki, BIH/Charité – Universitätsmedizin Berlin
- > Short Talk: Adrián Barreno Sánchez, Berlin, Germany
- > Short Talk: Bernadette L. Bramreiter Graz, Austria

10:15 am – 10:45 am *Coffee Break & Industry exhibition*

10:45 am – 12:00 pm

Session 5 – Technical Development/Emerging Technologies

Chairs: Michael Kirschbaum, Potsdam Toralf Kaiser, Berlin

- > Marco Di Berardino, Fa. Amphasys, Zurich, Switzerland
- > Short Talk: Bob Fregin, Greifswald, Germany
- > Short Talk: Daniel Kage, Berlin, Germany

12:00 pm - 12:15 pm

Farewell

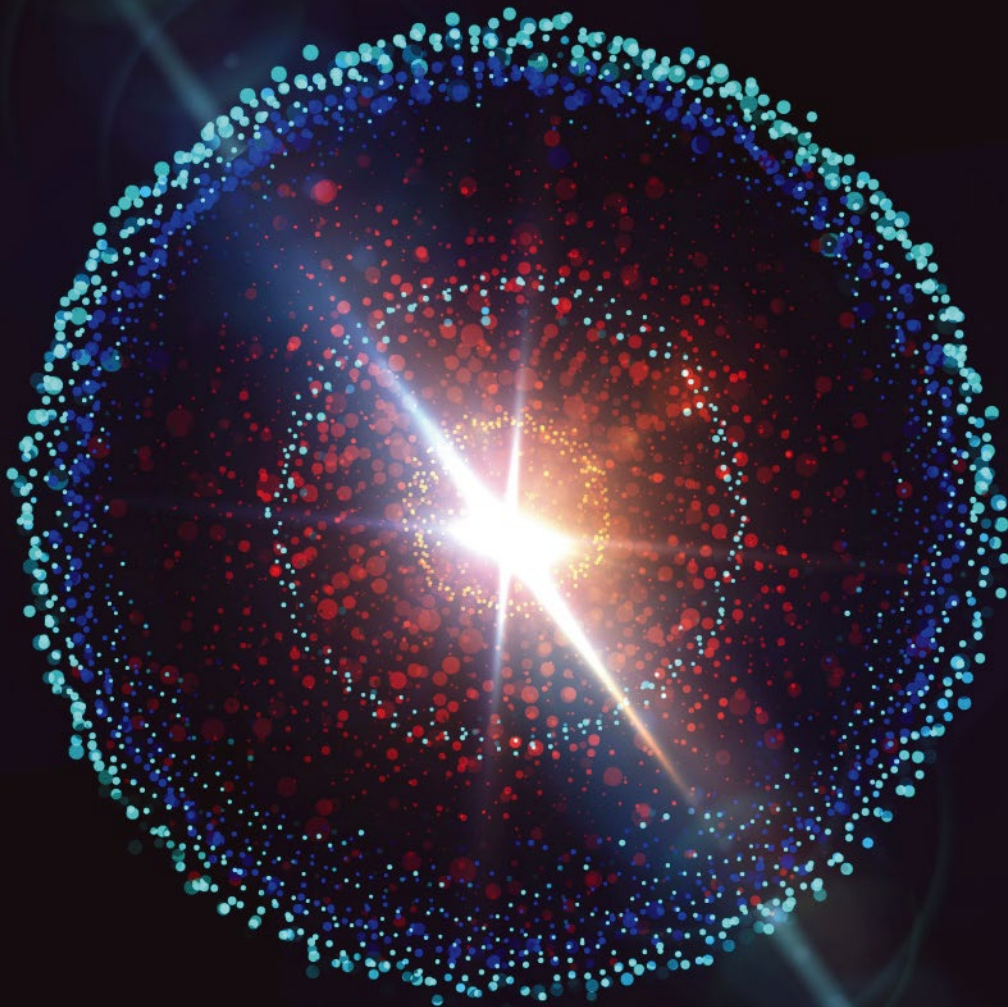
12:15 pm - 1:00 pm

Lunch (take away)

1:15 pm - 4:00 pm

DGfZ Board meeting & Program Committee

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