

SensorFest is an interaction analysis technology conference organized by David Myszka and his team at Biosensor Tools. Over the years, they have hosted workshops focused on improving the application of biosensor technology and growing the interaction userbase. This year's SensorFest is designed for both new and seasoned biosensor users and provides an opportunity to meet instrument manufacturers and engineers to learn about their new technology. Along with lectures and presentations, there will be two days of hands-on training so you can experience different instrumentation and collect your own super high-quality data. The meeting will be information packed, fun and exhausting. Grab your Lederhosen or Dirndl and let's start interacting this September around beer, bratwurst and biosensors!

Sept 25<sup>th</sup> (18 – 21hr) District4art Gallery:

**Let the interactions begin! Meet and greet instrument exhibition**

Sept 26<sup>th</sup> (9 – 17hr) Belvedere 21 Blicke Theater:

**Day 1 starts with the basics to make sure everyone has a solid foundation in interaction analysis and quickly progresses to advanced applications and analysis concepts.**



(12-13hr) Lunch (Lucy Bar)



(18-19hr) Belvedere Palace tour  
(19-21hr) Dinner (Salm Bräu)

Introductions (our goals & your goals)  
Fundamentals of interaction analysis  
When to use a biosensor and when not  
Surfaces  
Solutions  
Maintenance  
Data processing  
Antibodies  
Small molecules  
Membrane systems  
Mass transport  
QC/GLP  
Precision & accuracy

Sept 27<sup>th</sup> (9 – 17hr) Belvedere 21 Blicke Theater:

**Technology Day is designed for engineers and manufactures to present their newest technology and show us how they can help us achieve our research goals.**



Biosensor Tools (ProteOn XPR36)  
BioCopy (Microarrays/Kinetics)  
Bruker (Sierra SPR-24 & 32-Pro)  
Carterra (LSA)  
Cytiva (Biacore 8K, 8K+, S200)  
Fluidic Analytics (One-M)  
lino Biotech AG (Focal Molography)  
dynamic BIOSENSORS (Helix)  
IBIS Technologies (MX96 SPRi)  
M2-Automation (Microarray Spotting)  
MERU Biotechnologies (TruBind)  
Nicoya (Alto)  
Reichert (4SPR)  
Sapidyne (Kinexa)  
Satorius (Octet BLI & SPR)

(19-21hr) Evening event Wiener Wiesn Fest at the Prater - Wear your Lederhosen and Dirndl

Sept 28<sup>th</sup> (9 – 17hr) District4art/Mommsengasse: **Hands-on training day. It's time to put what you have learned to the test. You will be assigned team mates and a biosensor. It might be a biosensor you are familiar with or perhaps one you have never seen before. Your team will be given two samples and asked to characterize the interaction. Best analysis wins a prize!**

(12-13hr) Lunch (pick a place with your team members to get to know each other better)

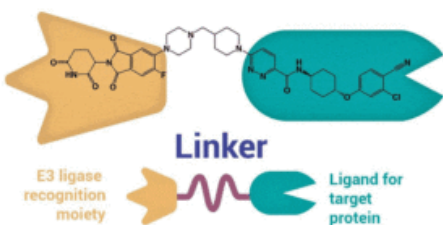
(17-21hr) Pizza & Beer!

Sept 29<sup>th</sup> (9 – 17hr): District4art/Mommsengasse: **Hands-on data analysis and 'speed dataing'. On day 2 of hands work you will return to your instrument to process your data and prepare a slide of the results to present to the group. During 'speed dataing' you will visit the workstations of the other teams to learn about their instrument and compare your results. Who knows maybe you will find a new biosensor to take home. ; )**

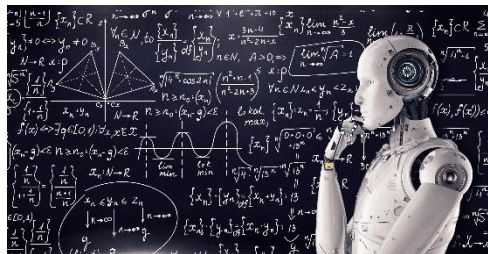
(12-13hr) Lunch (pick a place with a different team since you're probably sick of your own team)

(18-22hr) Dinner (Campus Bräu)

Sept 30<sup>th</sup> (9- 16hr) Belvedere 21 Blickle Theater: **Now that you completed formal and hands-on training, it's time to sit back and enjoy scientific presentations from leaders in the field around:**



(12-13hr) Lunch (Lucy bar)



(18-22hr) Dinner cruise!

- Antibody kinetic screening
- Antibody epitope binning
- PROTACs
- Analytes binding to cells
- Molecular binding in cells
- Fragment library screening
- High affinity small molecule systems
- Biosimilars, biosames & bispecifics
- AI for antibody design
- Machine learning for data analysis
- Cooperative binding
- Conformational changes
- Array based kinetics
- Evaluating data
- How to present, patent, & publish

Oct 1<sup>st</sup> (9-20hr): Vienna city tour (optional): **Join us on a hop-on hop-off tour with stops at Karlskirche, Staatsoper, Schoenbrunn, Hofburg, Rathaus, Votivkirche and many more with dinner in den Wiener Weinbergen.**

(NOTE: All times and events are subject to change)