

Ext. temperature: 46°
Int. temperature: 25°
17:19 sunset
6:19 sunrise

ETH today

Everything you always wanted to know about ETH Zürich (*but were afraid to ask)

Monday
24.09.2024
Issue number 145








Swarm discussions with Marvin

Our new president will co-lead with our Employees Opinion Aggregator Bot 'Marvin', who draws from our swarm discussion and votes. Page 6

Drosophila arrived

The D-USYS sailboat «Drosophila» safely anchored in the new harbour of Utrecht and will return to Zurich with 215 exchange students soon. Read about their journey of navigating through hurricane "Xenia". Page 8

Weekly weather forecast

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						
46° 29°	44° 29°	46° 28°	44° 25°	46° 27°	44° 28°	46° 30°

ETH goes fossil fuel free



ETH's refinery in Ettenhausen successfully produced its first bulk load of solvents at reactant level purity from regionally sourced hemp oil. This completes the final step of ETHs "Zero Fossil Strategy" by removing the last fossil carbon from our supply chain. Page 3

New ETH refinery in Ettenhausen

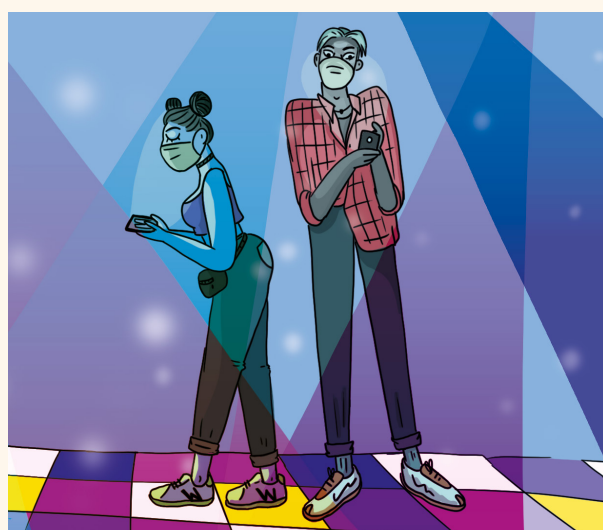
New media

Interview with Farah Shariq: "The olfactory printer might hold the key"



The ETH startup OSMOsensorium recently published the world's first olfactory printer OP.1 and ever since, there have been heated debates about their invention's potential for medical research. Despite unanswered questions, the Institute for Medical Research has expressed interest in buying the production rights for the printer – and CEO Farah Shariq explains why. Page 7

Events



Polyball 2040

For its 160th edition, Polyball, invites you to relive the mysterious yet exciting year of 2020. Go back to the beginning of the pandemic decades with your best rolled-up jeans, white sneakers, and surgical masks. The guests can expect old school smartphones available at the entrance, vintage VR glasses and everything from sea shanty singing to sit-ins with climate protest signs. November 9. Page 13

Technology

One-millionth Verifiable Credential



ETH issued its one-millionth Verifiable Credential to a learner who had successfully completed a course on Regenerative Building Materials. "We would love to shake hands with the learner", says Dr. Petra Widmer, "but of course we don't know who they is". The landscape of administrative computing certainly changed when ETH introduced credentialing based on self-sovereign identities; "I remember the day when our central database was held ransom and we just told them to get lost," reminisces Dr. Widmer, "we swiped the disks, replicated the public ledger, and went to lunch." Page 6

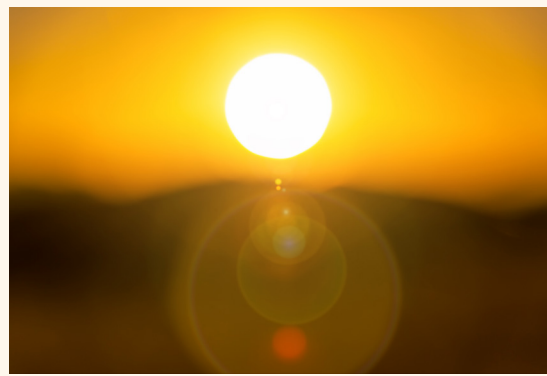
Breakthrough by student-led team



seven programmes coded a model predicting the heat- and UV-resistance of the new SARS-CoV₄ virus. Dr. Sara Ny: “Using the virtual ETH EduVerse, 500+ students worked together with researchers at ETH to build this model. It already resulted in 5 bot-reviewed publications.” ■

During the interdisciplinary course “Creative problem-solving” (part of the research-based learning track introduced after the Bologna 2.0 reform), students from

Circadian rhythm to be on summer mode for 7 more days



the chances of heat domes in winter season are rising. ■

Are you experiencing circadian-depression? You are not alone. Connect with HEST Stay-Safe therapy-AIs!

Contrary to previous forecasts, the heat dome over Europe will stay parked for at least seven more days. ETH will thus postpone the biannual adjustment of the circadian rhythm from night lectures back to day lectures by seven days. As the high pressure area persists longer every year,

First 10-year assessment of SEFG



At the annual meeting of the Council for Sustainable Presents and Futures (CSPF), formerly known as the UN General Assembly, the Intergenerational Referee Group (IGRG) presented its first 10-year assessment of the Social and Environmental Fairness

Goals (SEFG) – the successor framework of the already ambitious SDGs of the 2030 Agenda. ETH Zurich representative Sasha Galiere reports of a new era of understanding and describes the vibes and (e)motions of high-level policy making. ■

D-ARCH, D-BIOL and D-MEDIA tropical garden extension



The foliage cover provided by tropical flora on all ETH buildings will be increased by another 20%, and is predicted to lead to further reduction of inside temperature

by 0.5 °C. See the 3-D model of the cooperation project between D-ARCH, D-BIOL and D-MEDIA. ■

Short updates

1/ Beyond accessibility: Retinal implants back with an update, including controversial immersive features, rendering AR and VR lenses obsolete.

2/ Switzerland – Norway CO₂ pipeline operational again: „It was the most demanding detective engineering projects I was ever entrusted with“, says Dr. MEng. Andrea Ozone from D-BAUG.

3/Updates: Please update your library crawler before the end of this month. This is a major update including 7.35 Mio. falsified papers marked as such. You may no longer cite their results as evidence going forward.

4/ Siesta-Capsule: ETH increased the number of airconditioned sleep capsules to a total of 5'000. Please use one of the XR blackboards to reserve your spot (no remote reservations).

5/ Kind reminder: from next semester onwards, all pre-2030 legacy software, including the 3d-virtualized Power Point (!) won't be supported on the ETH main network anymore.

6/ Announcement: New sponsored D-INFK bachelor's degree in quantum cryptography in collaboration with Aperture Science Inc. starts in SS₄₁. Applications now open.

Mensa: Menu of the week

	1	2
Monday	Cricket-flour burger, zurich sweet potatoes, hydroponics salad	Couscous & vacuum-packed cold-cooked aubergines
Tuesday	Seaweed rösti with its thousand swiss spices, butter rabbit	Pumpkin soup powder, black bread capsules
Wednesday	Encapsulated zürich lamb, spinach, lentils	Green peas capsules and seaweed croquettes
Thursday	Mealworms, golden rice, buttered carrots	Rose pudding, parsnip flavour powder
Friday	Green grass and wheat ratatouille, in-vitro beef	Green grass and wheat ratatouille, lentil burger

Editorial board

Editors: [LET media team](#) (Jeanine Reutemann, Judith Rehmann, Estelle Gattlen, Carlo Picasso)
Guest Editors: Gerd Kortemeyer, Philip Barth, Claudia Zingerli, Karin Brown

Internal communication

■ «We talked for two hours after the Quantum Field Theory Seminar by Prof. Suleiney last Tuesday. You were



a bunny avatar. I was a badger. Were we flirting? Please contact me via QR-code.»

■ «Lost in translation: live-translation lenses, somewhere in the Mensa. Contact @Schroedingercat1789 if found please.»

Picture of the week



Flooded church in Geamana, Romania, picture by Carline Rehlen, D-MAVT student