



Universität
Zürich ^{UZH}

Digital Society Initiative

**Welcome to the
DSI General
Meeting
2024**

Avi Bernstein
10. Oktober 2024

**We shape
the digital
future**

**The UZH
Digital Society
Initiative**

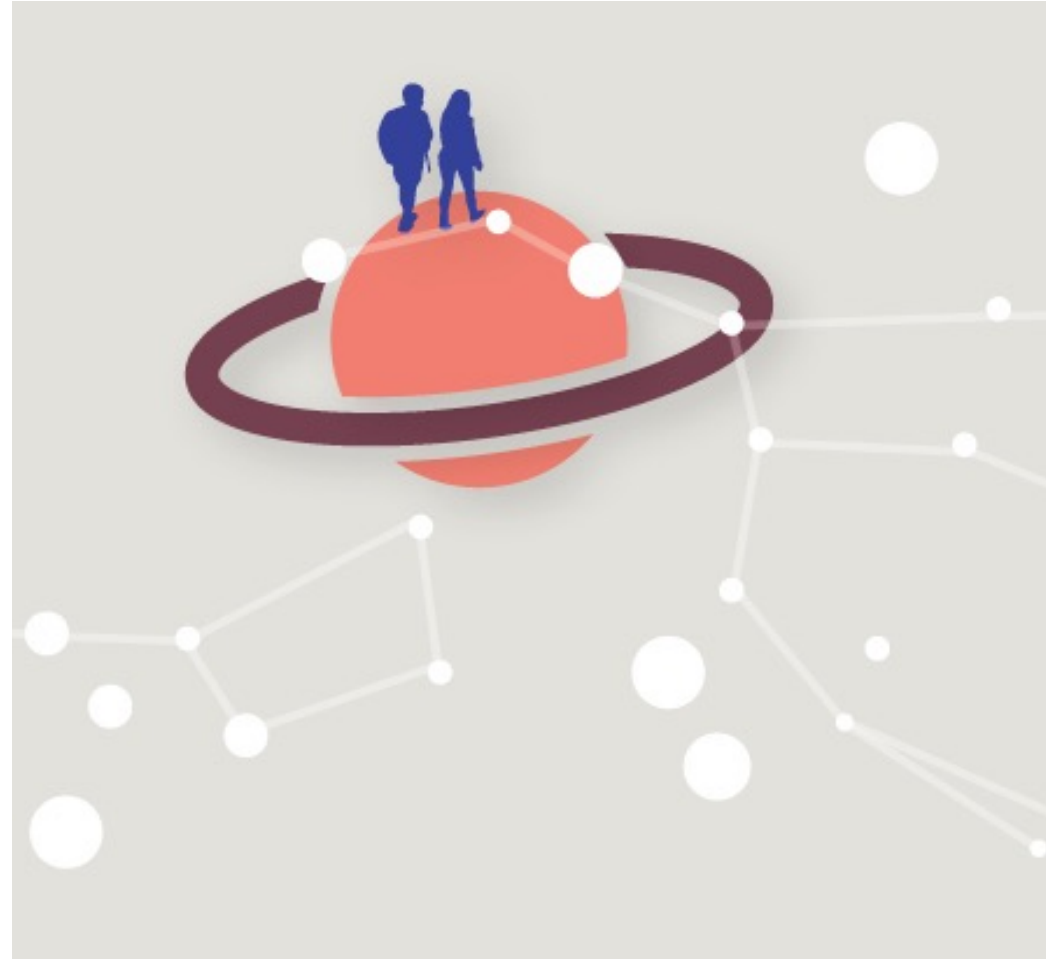


Agenda

Introductory Formalities

DSI Update 2024

Voting (New Members)



Introductory Formalities

Introductory Formalities

Minutes of last year's meeting:

— Do you have any feedback? Questions?

Topic	Content
Introductory Formalities	<p>Welcome and Introduction by Abraham Bernstein (AB), Director of the DSI and presentation of the agenda for the General Meeting 2023.</p> <p>Introductory Formalities:</p> <ul style="list-style-type: none"> ▪ Minutes of last year's meeting: no feedback, no question ▪ 2 abstentions, rest: Unanimous acceptance of last year's minutes
DSI Updates	<p>Presentation about the following topics (AB):</p> <p>DSI Research</p> <ul style="list-style-type: none"> ▪ Overview of the professorships ▪ Overview of the DSI Communities ▪ Funding: 4 new planned ▪ 14 DSI Infrastructures & Labs, new call in March ▪ PhD Excellence Program: Call open January 15, 2024 for fall 2024 ▪ Update on Strategic outreach: 2023 AI in Education, Research and Innovation ▪ Update to further projects <p>DSI Education</p> <ul style="list-style-type: none"> ▪ Update Studium Digitale ▪ Update Minor «Digital Skills» ▪ Update Excellence Program ▪ Masterclass for politicians
Voting	<p>Election of new network members (since 11.11.2022 to 31.10.2023) (AB)</p> <ul style="list-style-type: none"> ▪ Full members (168 new members): unanimous approval ▪ Associated members (105 new members): unanimous approval <p>Total members of the DSI network: > 1'100 members</p>
Future of the DSI	<p>DSI Roadmap – approval of the DSI Roadmap 2023 (AB)</p> <ul style="list-style-type: none"> ▪ 1 abstention (of a new member), rest: unanimous approval <p>DSI beyond 2029 (AB)</p> <ul style="list-style-type: none"> ▪ First information

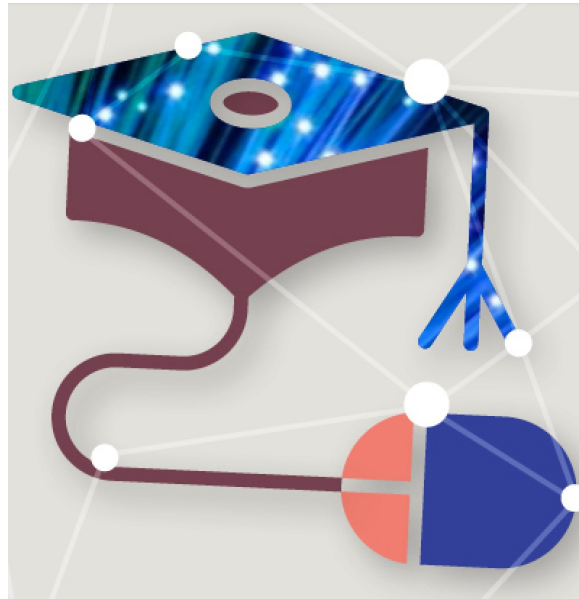
DSI Update 2024

The DSI focuses on three key topics

Research



Education



Public Relations



Research at the DSI



Topics of the DSI Professors

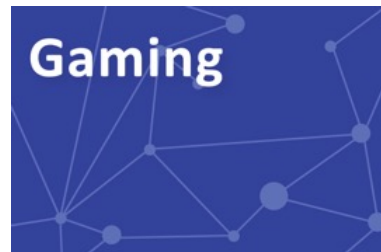
- Artificial Intelligence & Machine Learning (ML)
- Computer-assisted Surgery
- Computational Linguistics
- **Criminal Law & Criminal Procedure Law (start: 1.2.2024)**
- Data Systems & Theory
- Data Science
- Digital and Mobile Health
- Digital Bioinorganic Chemistry
- **Digital Cultures and Arts (start: 1.7.24)**
- **Digital Higher Education (start: 1.10.24)***
- Digital Methods in Classical Archaeology / Image Science
- Digital Religion(s)
- Digitalized Communication Spaces
- Econometrics
- Educational Technology
- Empirical Software Engineering
- Interactive Visual Data Analysis
- Labour Geography
- **Language, Technology & Accessibility (start: 1.11.2023)**
- Legal Data Science
- Legal Tech, Law & Economics, and Public Law
- Management of Digital Transformation
- Mobility & Digital Innovation Management
- **Nanoscale quantum materials (start: 1.10.2024)***
- **Neuroinformatics (start: 1.2.2024)**
- Political Behaviour & Digital Media
- Practical Theology & Digital Religion(s)
- Quantitative Network Science
- **Reinforcement Learning / Multi-agent Learning (start: 1.2.2024)**
- Regulatory Sciences
- Social Computing



* not yet on our homepage

Our 13 DSI Communities

Interdisciplinary collaboration on specific topics



Funding calls at the DSI

DSI Infrastructures & Labs (until 2026)

- Goal: Creation of collaborative research environments
- Funding of 1-2 years and max. CHF 200'000.
- Currently: 17 projects, first ones will close 2024 or become permanent infrastructures

Excellence Program Scholarships (until 2025)

- Scholarship for graduates of the Excellence Program
- Funding for up to 4 years **(last time 2024/2025)**
- Prerequisite: doctoral student at UZH
- Deadline: **January 15, 2025**



DSI Strategy Lab: annual research focus

1. DSI Strategy Lab (2021)

«A Legal Framework for Artificial Intelligence»

- Presentation of the results in the Federal Parliament
- The results have led to several parliamentary activities at cantonal and national level

2. DSI Strategy Lab (2022)

«Artificial intelligence in medicine - where do we want to go?»

- Digital Twins identified as an important development in the future
- Objectives and recommendations for the responsible use of Digital Twins in medicine developed and summarized in a position paper

3. DSI Strategy Lab (2023)

«AI in education, research and innovation»

- The objectives and recommendations were summarized in a position paper, which has been published in August.
- The position paper was discussed internally at UZH in various News articles.

4. DSI Strategy Lab (2024)

«Disinformation»

- Contribution to the DETEC consultation process «Regulation of communication platforms»
- Various events, including «DSI Disinformation Month» in autumn 2024: starting on October 18

Our current DSI Strategy Labs

KI in Education, Research & Innovation

- Finalization with the publication of our position paper in August 2024
- Findings will be incorporated in the new UZH project «AI Buddy»

Disinformation (2024)

- Currently «Disinformation Month» with 3 public events: 18.10., 30.10. & 06.11.
- Final Retreat for new platform legislation in Q1 2025

Quantum Computing (2025)

- First workshop happened on 28.08.24
- Second and third workshop will follow on 13.11.2024 and 05.12.24
- More events, communication activities and summer school in 2025



Digital Society Initiative

KI in Bildung, Forschung und Innovation

DSI Strategy Lab 2023 — Positionspapier

Autorinnen und Autoren

Abraham Bernstein (UZH), Anaic Cordoba (Eidg. Institut für Geistiges Eigentum), Claudia Witt (UZH), Daniel Siegers (UBS), Doris Wessels (Fachhochschule Kiel), Florent Thouvenin (UZH), Janna Hastings (UZH), Jean-Michel Hatt (UZH), Joachim Buhmann (ETHZ), Judith Martinez Moreno (UZH & PHZH), Kevin Schawinski (Modulos AG), Markus Christen (UZH), Michael Coors (UZH), Michael Denner (UZH), Patrick Hunger (ZHAW), Raphael von Thiesen (Volkswirtschaftsdirektion Kanton ZH), Sara Fabrikant (UZH), Thomas Friemel (UZH), Titus Neupert (UZH) und Uli Sachs (Google).

Das DSI Strategy Lab

Dieses Positionspapier wurde im Rahmen eines Workshops erarbeitet, der vom 20. bis 22. August 2023 auf dem Weissenstein (bei Solothurn) im Rahmen des Strategy Lab der Digital Society Initiative (DSI) der Universität Zürich (UZH) durchgeführt wurde. Nebst den Autorinnen und Autoren des Positionspapiers wirkten auch Christian Busch und

Die Empfehlungen des Positionspapiers sind in drei Gruppen geordnet und betreffen die Bereiche «Lernende», «Lehrende» und «Forschende». Zu jeder Gruppe von Empfehlungen werden die jeweiligen Adressaten aus den Bereichen Bildungspolitik, Verwaltung, Universitäten und weitere mögliche Akteure genannt. Kästen enthalten weiterführende



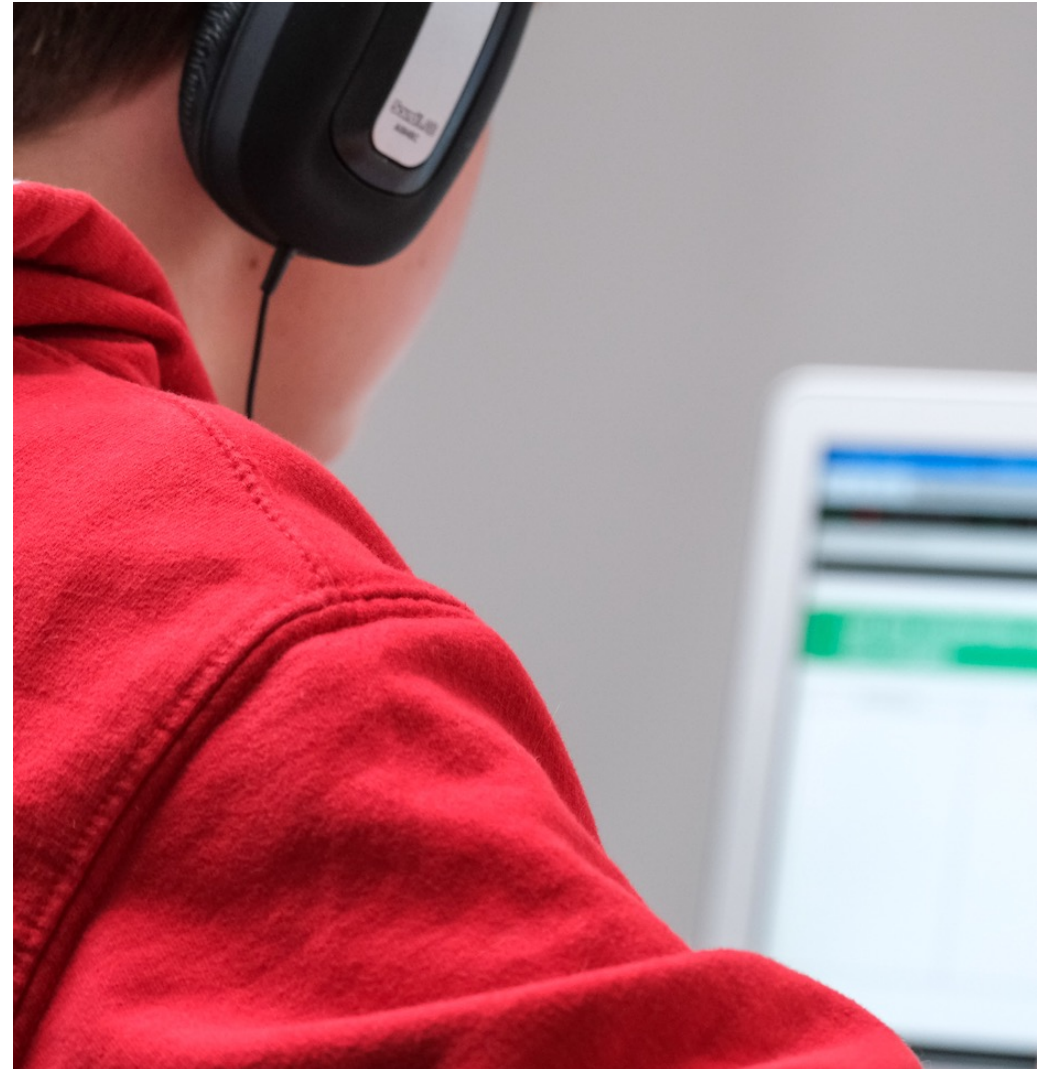
DSI Educational Programs



Online studies: Studium Digitale

The Studium Digitale teaches basic digital skills from an interdisciplinary perspective

- Target group: Bachelor students of all UZH faculties
- Topics: Data & Information; Programming & Computational Thinking; Digital Society; Digital Studies
- 3 credits (ECTS)
- Online course with 17 modules
- Offered via School of Transdisciplinary Studies (STS)
- ~1'500 students per year



©unsplash.com

DSI Minor Digital Skills

In the 30 ECTS Master's minor study program DSI Minor Digital Skills, students learn how to meet the challenges of the digital transformation and take advantage of its opportunities. They gain a multidisciplinary scientific overview of digitalization and are encouraged to critically reflect on its effects on individuals and society as a whole. Students are provided with individual learning paths to hone their digital skills such as programming, artificial intelligence and cybersecurity. They apply these skills to current challenges in interdisciplinary project teams, integrating their ethical, legal and social knowledge.

2-step application procedure

The application to the DSI Minor Digital Skills is a 2-step procedure:

- 1) Application:** Directly apply to the DSI admission committee with all required documents.
- 2) Registration:** Once you have been accepted, you can register for the DSI Minor Digital Skills via UZH Student Services.

In this study program, you will...

- **gain a profound understanding** of the digital transformation in our society.
- **expand your digital skills** based on your interests.
- **apply digital skills** to interdisciplinary challenges.
- acquire the skills and experience to **collaborate in interdisciplinary teams**.
- learn to **reflect critically** on topics within the field of digital transformation.
- get to **connect with a broad network** of researchers and practitioners.



This minor is offered via the School for Transdisciplinary Studies (STS).

Interested?
Find out more here



New offer: DSI Minor Digital Skills

Transdisciplinary study program for Master's students at UZH, oriented towards challenge-based learning

- Projects in interdisciplinary teams of approx. 4 students
- Knowledge, skills and reflection on the topic of digitalization
- Individual learning path with elective modules
- Computer science bootcamp for students without programming skills
- 30 credits (ECTS)
- **Started this fall semester 2024 with 38 motivated students currently engaged in the core modules of the program**

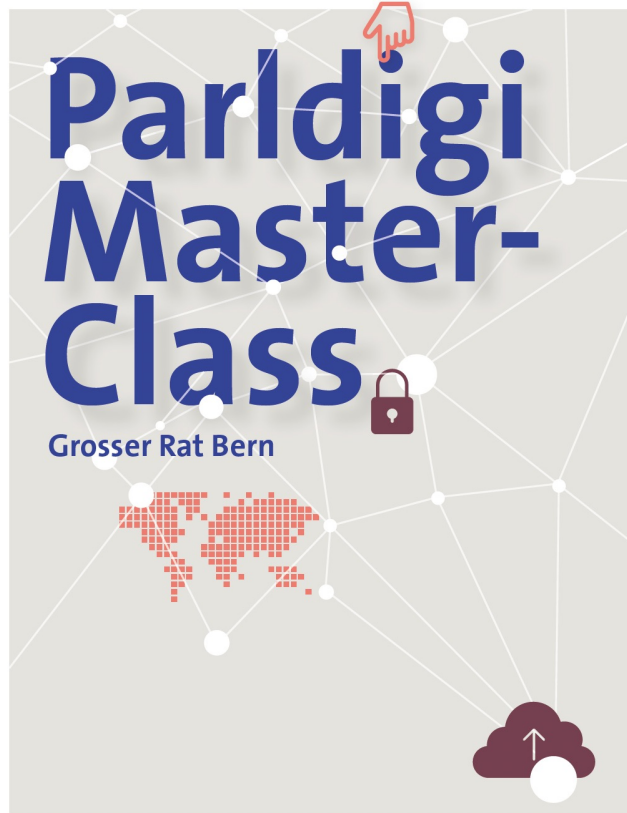
Inter- and transdisciplinary: Excellence Program



Goal: Thinking about digitalization at an academic level across disciplinary boundaries

- PhDs of all disciplines
- Complementary curriculum
- 12 credits (ECTS) over 2 years
- Start 2020
- ~20 students per year

Digital MasterClass: An offer for politicians



Eine Veranstaltung von:



Unterstützt durch:



The DSI provides digital expertise to enable members of parliament to form an independent opinion on upcoming decisions

- Collaboration with Parliamentary Group Digital Sustainability (Parldigi)
- 2021: first Parldigi MasterClass for the National Parliament
- 2023/2024: in the Grand Council of the Canton of Bern
- 2024: in the «Grand Conseil» of the Canton of Geneva
- 2024/2025: in the Zurich Cantonal Council
- 2024/2025: for the National Parliament



Our communication highlights 2024

- AI+X Summit 3./4. October 2024
- New DSI Podcast «Genial digital?»
- DSI Spotlights starting in November 2024
- Journalists Workshops

DSI @ AI+X



The DSI represented UZH at the AI+X as «Presenting Academic Partner».

We were present with

- two main stage speakers (Noah Bubenhofer and Aniko Hannak)
- the track «Responsible AI» on Friday morning
- and a booth with an «AI-Game» and the possibility to talk to 8 different DSI experts on both days.

We had

- two full main stages
- 60 visitors in our track session
- approx. 30 visitors talking to our experts
- many visitors to our booth to play the AI game and learn more about the topic

DSI Podcast «Genial digital?»



The image shows a podcast player interface. On the left is a square cover art with the title 'Genial digital?' in blue and red, 'Antworten von der Digital Society Initiative (DSI)' in small text, the 'UZH' logo, and a brain icon. To the right of the cover art, the episode title 'Die Zukunft der Arbeit: Wie funktionieren Plattformen?' is displayed. Below the title is a large orange play button with the text 'Episode abspielen 24:09'. At the bottom left is the 'podigee' logo, and at the bottom right are the options 'Abonnieren', 'Teilen', and a three-dot menu icon.

The DSI has a new podcast: «Genial digital?» provides answers on topics related to digital transformation (in German).

In the first four episodes, which were created in collaboration with the DSI Community Work, the podcast focuses on the future of work.

The first episode is available on Spotify, Apple podcasts and our homepage and concentrates on platforms that digitally mediate work.

DSI Spotlights

Look out for this ad on Zurich trams and buses next month.

In November, the DSI is launching another new format. «**DSI Spotlights**» will shed light on individual aspects of **digitalization in short videos**. The ten videos will be widely advertised from mid-November and are intended to highlight the interdisciplinary nature and thematic diversity of the DSI.

Keep your eyes open.



The advertisement features a dark blue background with a network of white dots and lines. Two blue spotlights with orange lenses shine from the top corners, creating a central white spotlight effect. The text 'DSI Spotlights' is in the top left. The main headline 'Mehr wissen in drei Minuten?' is in large white font. Below it, 'Videos zu:' is followed by a list of topics: 'Künstliche Intelligenz', 'Hass im Netz', 'Games Cybercrime', and 'Online-Religion'. A QR code is shown with a hand icon and the text 'QR-Code scannen'. In the bottom left, there is a silhouette of three people. At the top, the University of Zurich logo and 'Digital Society Initiative' are visible. At the bottom, a small line of text reads: 'Die Digital Society Initiative (DSI) ist das Kompetenzzentrum der Universität Zürich zum digitalen Wandel.'

Universität Zürich
Digital Society Initiative

DSI Spotlights

Mehr wissen in drei Minuten?

Videos zu:

- Künstliche Intelligenz
- Hass im Netz
- Games Cybercrime
- Online-Religion

QR-Code scannen

Die Digital Society Initiative (DSI) ist das Kompetenzzentrum der Universität Zürich zum digitalen Wandel.

Journalists Workshops



After successful events in 2023, the third and fourth editions of the media workshop took place this year – in May and September 2024.

This time on the topics of «The economic impact of artificial intelligence (AI)» and the DSI's annual topic of «Disinformation».

Another workshop for french speaking journalists will be held in connection with the Digital MasterClass in Geneva at the beginning of November.

Stay up to date: our communication channels



DSI Website



Newsletter



LinkedIn



YouTube

Voting (New Members)

Rights and duties of DSI General Assembly

- Election of full DSI members
- Election of associated members
- DSI Roadmap: new update in 2025

Formalities: Election of full DSI members

155 new full members (since 03.11.2023 up to 09.10.2024):

Johannes Graën, Andreas Baumer, Melanie Brand, David Bürgin, Josephine Diecke, Livia van Haren, Muriel Leuenberger, Masoumeh Chapariniya, Liliana Barrios, Eugenia Settecase, Perisan Kevci, Nora Hollenstein, Sophie Louise Kittelberger, Jannis Vamvas, Elias Zimmermann, Ludovica Schaerf, Andras Jakab, Daniel Bötticher, Anita Thomae, Rudolf Debelak, Reta Barfuss, Sarah Staubli, Vanni Benvenga, Vera Colombo, Dejana Jelena Milićević, Vera Tauber, Francesco Sovrano, Jonas Büchel, Barbara Schläpfer, Ivana Krstic, Simon Clematide, Felix Maier, Mutlu Özcan, Leal Oburoglu, Godstime Nyeche, Andrea Häfliger, Valerie Sticher, Muriel Heisch, Yquem Zberg, Jianfa Wang, Mark Robinson, Mallona Izaskun, Kathrin Naegeli, Nina Girtanner, Helena Hof, Fraser Callaghan, Amelie Haugg, Raphael Flepp, Maria Olivares, Lore Legrand, Beat Müller, Ana Zapata, Daniela Brune, Christof Seiler, Timon Elmer, Yelyzaveta Bachkala, Julian Mausbach, Alisa Demchenko, Alison Kim, Alex Mari, Zou Wenya, Sophia Zademack, Esther Baier-Kreutzer, Isa Vos, Joshua Binswanger, Andrii Biletskyi, Michael Blum, Hanna Bös, Madeleine Boxler, Marina Kammermann, Sarah Kiener, Tobias Jammerthal, Anastasiia Kurmann, Tim Rüdiger, Elisa Russian, Linda Samsinger, Patricia Scheurer, Barbara Schneider, Gerold Schneider, Maryam Shams, Arooran Thanabalasingam, Melanie Surkau, Christoph Uiting, Lukas Tschopp, Nafisa Umar, Marcus Zerbst, Jan Zimmermann, Martina Zwick, Akgül Ömer Tugsad, Kajia Bergmann, Hannah Lora Freeman, Sanha Lee, Regina Schmid, Cristina Tulea, Patricia Scheurer, Roman Horbyk, Huanyao Cun, Lindsay Gorrell, Fabrizio Creazzo, Miriam Pauline Busch, Felix Scholkmann, Erich Walter Farkas, Oliver Distler, Taehoon Kim, Anna Bogdanova, Elisa Donati, Janmejay Singh, Chiara De Luca, Yuan Qin, Franziska Komossa, Jing Zeng, Leonie Gossner, Damian Kozbur, Melika Payvand, Giorgia Ramponi, Julian Langer, Aref Farhadi Pour, Leon Bach, Yingqiang Gao, Peter-Julius Koenitz, Andrea-Luca Bossard, Anna Bondar, Sara Kallis, Anastasia Antonova, Gian Carlo Danuser, Monika Gerber, Leandro Habegger, Nicolas Hächler, Susanne Lang, Sintieh Ekongefeyin, Natalia Ronderos Barreto, Tino Endres, Carina Greif, Bettina Kunz, Kristina Mink, Maren Oepke, Natalia Molina Otero, Oriane Pierrès, Olga Pollack, Silja Rohr-Mentele, Andrew Strobel, Elie Aljalbout, Mark Christopher Ballandies, Simona Doneva, Urs Müller, Daniel Schmied, Yvonne Brandenberger, Andri Gerber, Wendy Karli, Yasaman Asgari, Qing Dai, Hendrik Wulf, Emre Akbulut

Formalities: Election of associate DSI members

120 new associate members (since 03.11.2023 up to 09.10.2024):

Uriel Nyffenegger, Christine Meinzinger, Eunjung Cho, Sylvain Gardel, Dina Della Casa, Peter Streckeisen, Melissa Skweres, Lea Marie Weber, Bingjie Cheng, Pouya Sepehr, Samuel Hunziker, Stefan Matter, Fabian Moss, Anastasija Collen, Moritz Mähr, Hippolyte Souvay, Nanhee Jeong, Floor Koeleman, Ernst Rosser, Laura Bullon-Cassis, Serena Bolt, Victoria G. Landau, Neo Putini, Murielle Sandra Tiako Djomatchoua, Yvonne Fuchs, Etienne Gruebler, Nicole Liggeri, Martin Kayser, Arlette Roman, Michael Perret, Begyira Donald Sharp, Mina Monier, Niels van Doorn, Martina Schönbächler, Jens Martignoni, Ruth Rodriguez, Jonathan Silberstein-Loeb, Samuel Klaus, Veronika Studer-Kovacs, Prashant Chauhan, Natalie Graf, Tom Schädler, Andrew Nikolaev, Elham Ebrahimi, Sepp Ruchti, Olena Cherniavska, Germano Giuliani, Michael Kälin, Claudine Boyer, Thomas Rüegg, Gregor Dugar, Annika Aebli, Miklos Pless, Olena Goloborodko, Zuo Chenyu, Michaela Katharina Nahler, Birgit Weil, Leopoldo Biffi, Reto Baumgartner, Elena Fernandez Fernandez, Christa Schmid-Meier, Bojan Peric, Anne-Christine Fornage, Johanna Hinkerohe, Aditi Bisht, Sukayna Younger-Khan, Pulkit Goyal, Mattia Valerio Turra, Michael Belfrage, Miranda Cardoso Guerra, Saphir Ben Dakon, Maja Hegemann, Catherine Kosten, Danila Vecchio, Rachael Oxby, Sumanth S. Hiremath, Rosario Andrea Mirante, Anna Janka, Liang Zhu, Ilario Valdelli, Armando Aliu, Devisakti Annamali, Roya Imani Giglou, Richard Heim, Sam Noshadha, Stefan Siegel, Claudia Keller, Huriye Hilal Yilmaz, Abidoye Anuoluwapo, Maria Misiutin, Julian Keuzenkamp, Jingjing Fu, Yang Tian, Julian Stuber, Noor Mohammed, Stefan Weymann, Nima Riahi, Tobias Amslinger, Ellen Charlesworth, Andreas Marx, Maximilian Fischer, Anna Pozhidaeva, Katharina Richter, Tobias Schifferle, Katja Valaskivi, Mirijam Puettner, Fatima Montandon Roman Einikis, Noemi Gangl, Gustavo Umbelino, Sachit Mahajan, Valentin Geier, Valerie Andres, Yue Zhao, Vasiliki Sampa, Nuriye Çelik, Daniel Hefti, Lena Merkli

In total, the DSI network now consists of almost 1300 members.