

Symposium

4 – 5 September 2025, Auditorium HCI G 3, ETH Höggerberg



100 Years of the Institute of Cartography and Geoinformation at ETH Zurich

The Institute of Cartography and Geoinformation was founded in 1925 by Prof Eduard Imhof and is the oldest academic cartographic institute in the world. The two-day celebratory symposium will look back on the activities of the institute and present current projects. At the same time, a 270-page commemorative publication will be published describing the history of the institute and its predecessor professorships. All former members of the Institute, research partners and other interested parties are cordially invited to this event.

Thursday, 4 September 2025

09:00	Arrival, registration, coffee (HCI G Foyer)
10:00	Welcome, opening statement Martin Raubal, ETH Zurich
10:10	Keynote 1: Reality as a basemap – empowering humans with geospatial intelligence Ioannis Giannopoulos, TU Vienna
10:50	Coffee break (HCI G Foyer)
11:20	GeoAI foundation models Nina Wiedemann, ETH Zurich
11:40	Generative AI for maps: understanding, creating, and retrieving the world Yizi Chen, ETH Zurich
12:00	Lunch break (Fusion meal)
13:00	Keynote 2: Cartography – A scientific discipline of thinking, doing, and showing in the age of AI Liqiu Meng, TU Munich
13:40	Seeing the unseen: 3D GIS for planning, tracking, and storytelling Lisa Stähli, Esri R&D Center Zurich
14:00	Dreams, maps, and stories: memories of a literary cartographer Barbara Piatti, publicist, formerly ETH Zurich
14:20	Coffee break (HCI G Foyer)
14:50	Keynote 3: The study of cognition in cartography and geoinformation: past, present, and future Dan Montello, UC Santa Barbara
15:30	Eye tracking in spatial decision making Peter Kiefer, ETH Zurich
15:50	Mapping the mind in motion – decoding human decision making in urban environments Negar Alinaghi, TU Vienna
16:15	Transfer by extra bus to Ringlikon and Uetliberg Kulm
17:30	Apéro at Uetliberg Kulm
19:00	Dinner at Uetliberg Kulm
22:00	Transfer by extra bus to Zurich city

Friday, 5 September 2025

08:30	Arrival, registration, coffee (HCI G Foyer)
09:00	Opening statement Lorenz Hurni, ETH Zurich
09:05	Opening addresses Günther Dissertori, Rector of the ETH Zurich Ueli Angst, Department of Civil, Environmental and Geomatic Engineering, ETH Zurich Urs Isenegger, Federal Office of Topography swisstopo Mark Wigley, President of the Swiss Society of Cartography (SGK)
09:30	Keynote 4: 100 years of maps, minds, and meaning: the ETH Institute of Cartography and Geoinformation and the global cartographic journey Georg Gartner, TU Vienna, President of the International Cartographic Association (ICA)
10:10	Coffee break (HCI G Foyer)
10:40	The Institute of Cartography and Geoinformation and the institutional policy of ETH Thomas Eichenberger, historian, formerly ETH Zurich
11:00	Bringing the “Atlas of Switzerland” to the web: challenges, solutions, and future perspectives Andreas Neumann and the “Atlas of Switzerland” team, ETH Zurich
11:20	Keynote 5: AI in cartography Monika Sester, Leibniz University Hannover
12:00	Lunch break (Fusion meal)
13:00	Inferring and mapping place semantics based on geosocial media Dirk Burghardt, TU Dresden
13:20	Automated map generalization: is deep learning the solution? Robert Weibel, University of Zurich
13:40	Keynote 6: Cities, sources, and data: urban history in the age of AI Isabella di Lenardo, EPF Lausanne
14:20	Coffee break (HCI G Foyer)
14:50	Beyond the bounding box: making geospatial data more findable, accessible and reusable Roman Walt, ETH Zurich library
15:10	“Swiss World Atlas”: Delivering worldviews into the classroom Christian Häberling and the “Swiss World Atlas” team, ETH Zurich
15:30	Coffee break (HCI G Foyer)
16:00	Award ceremony “Prix Carto” of the Swiss Society of Cartography (SGK)
17:30	Closing

Registration

Registration until 3 August 2025 at www.ikg.ethz.ch.

Participation is free of charge. The number of participants is limited.

Registrations will be considered in the order in which they are received.

Venue

ETH Zurich

Campus ETH Hönggerberg

HCI building, lecture hall G3

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Commemorative publication

Engineers of Map Art / *Ingenieure der Kartenkunst*

100 Years of the Institute of Cartography and Geoinformation

170 Years of Cartography at ETH Zurich / *100 Jahre Institut für Kartografie und Geoinformation*

170 Jahre Kartografie an der ETH Zürich

Authors: Lorenz Hurni, Martin Raubal, Thomas Eichenberger, Christian Häberling, René Sieber

Publisher: Institute of Cartography and Geoinformation, ETH Zurich

272 pages, 220 figures

Price: CHF 50.00 (incl. postage and dispatch)

A German and an English edition are available.

Book order: <https://ikg.ethz.ch/en/order-publication.html>