FINAL PROGRAMME

DIAGRAMS 2026

25–28 August 2026

Tallinn University of Technology, Estonia

L / A / G — 20 min talk + 10 min discussion

S — 10 min talk + 5 min discussion

T — 90 min tutorial

Tuesday · 25 August 2026

09.00–09.30 **Opening**

09.30–10.30 **KEYNOTE 1**

Chair: Amar Hadzihasanovic · Room 306

Fabio Zanasi

Computing with Pictures: the Rise of String Diagrams in Computer Science

10.30–11.00 Break

11.00–12.30 **SESSION 1**

Chair: Francesco Bellucci · Room 306

- **Jens Lemanski** — Leibniz, Line Diagrams, and Euclidean Proportions
- **Karol Wapniarski & Mariusz Urbański** — Syllogistic Diagrams and Existential Commitment
- **Christina Kittsteiner** — The Multifaceted Sorites Diagram
- **J.-Martín Castro-Manzano** — On Carroll Diagrams for Numerical Syllogistic

12.30–14.00 Lunch

14.00–15.30 **PARALLEL TUTORIALS**

- **Emanuel Jannasch** — Heraldry as Information Graphics *(Room 306)*
- **Marcos Bautista López Aznar** — Marlo Logical Boards *(Room 305D)*

15.30–16.00 Break

16.00–17.15 **SESSION 2**

Chair: Fabio Zanasi · Room 306

- (L) **Niklas Rentz et al.** — Diagrams as a Service
- (S) **Risako Ando & Koji Mineshima** — Do Diagrams Help Large Language Models Reason?
- (L) **Maximilian Kasperowski et al.** — Pragmatic and Semantic Search in Diagrams

Wednesday · 26 August 2026

09.00–10.30 ○ SESSION 3

Chair: Jessica Carter · Room 306

- (L) **Marcia R. Cerioli, Wagner Sanz & Petrucio Viana** — Graph-based Proofs Can Be Enlightening
- (L) **Viktor Blasjo** — Hobbes and the Physicality of Geometry
- (S) **Mary Elworth** — Knowledge-How and Knowledge-That in the Construction and Use of Diagrams in Mathematics
- (S) **Noah Greenstein** — Diagrams, Know-How & Beauty

10.30–11.00 ○ Break

11.00–12.30 ○ POSTERS SESSION

Chair: Peter Chapman · Room 306

- **J.-Martín Castro-Manzano** — A Magic Aristotelian Cube
- **Gloria Jacquet** — Legal Design and Diagrammatic Reasoning
- **Matthew Hibbin and Peter Rodgers** — 3D Euler Diagram Generation Using a Game Engine: Work In Progress
- **Reetu Bhattacharjee and Amirouche Moktefi** — Alternative dotted circle diagrams
- **Yuri Sato and Hazuki Kawamitsu** — Modal Euler Diagrams: Diagrammatic Reasoning Patterns for Modal Logic
- **Hans Smessaert and Lorenz Demey** — Diagram Design for Modelling Audiovisual Communication
- **Amirouche Moktefi** — Three types of scaffolding
- **Junko Itokazu** — Learner-Generated Diagrams in L2 Literary Discussion: Mediational Artifacts in Collaborative Meaning-Making
- **Alessio Moretti** — Infinite-Simplexes, Completion-Games and Poly-Lobes: Enriching, by Diffraction, the Oppositional Space BMN?

12.30–14.00 ○ Lunch

14.00–15.30 ○ SESSION 4

Chair: Gianluca Caterina · Room 306

- (L) **Chi Ho Chan et al.** — EvoEuler
- (L) **Markus Wallinger et al.** — Combined Network and Set Visualization with Hoop and Linear Diagrams

L **Peter Cheng & Irvin Katz** — A Diagrammatic Notation for Social Partner Dancing

15.30–16.00 Break

16.00–17.30 SESSION 5

Chair: Atsushi Shimojima · Room 306

A **Yukari Abe & Emmanuel Manalo** — From Diagrams to Arguments

S **Masahiro Morii et al.** — Highlighted Multi-Attribute Tables and Decision Making

S **Andrew Schumann** — Logic Diagrams for Non-Monotonic Relationships

S **Liane Gabora** — Diagramming the Mind

S **Dennis McNulty** — The epiDiagram and Some Other Conceptual Resources for Interdisciplinary Diagram Research

Thursday · 27 August 2026

09.30–10.30 KEYNOTE 2

Chair: Emmanuel Manalo · Room 306

Jessica Carter

Diagrams in Mathematical Practice

10.30–11.00 Break

11.00–12.30 SESSION 6

Chair: Amirouche Moktefi · Room 306

A **Samuel Descarreaux, Bruno Leclercq** — Logical Necessity and Diagrammatic Inferences in the Emergence of Mathematical Logic: F. A. Lange, G. Frege, and C. S. Peirce

S **Francesco Bellucci** — Reference by Occurrence in Quantification

S **Arnold Oostra** — From Peirce to Zellweger

S **Takashi Sasaki** — Representational Normalization and Non-Injective Translation in Peirce's Alpha Existential Graphs

S **Nathan Haydon** — Categorial Grammar and Existential Graphs

12.30–14.00 Lunch

14.00–15.30 — SESSION 7

Chair: Hans Smessaert · Room 306

- (L) **Yuri Uesaka & Shun Saso** — An Empirical Examination of Diagrammatic Competency
- (L) **Emmanuel Manalo, Reena Cheruvalath & Hiroaki Ayabe** — Can Planning with Diagrams Help Students Think More Critically About Moral Questions?
- (S) **Friederike Brockhaus** — Pictographic Representations Enhance Understanding of Simple Dynamic Systems
- (S) **Ann Mary John et al.** — Drawing Solutions: A Cross-Linguistic Diagram-Based Study of Ordinality in Problem-Solving

15.30–16.00 — Break

16.00–17.00 — Diagrams assembly

Room 306

19.00 — Conference Dinner

Friday · 28 August 2026

09.30–10.30 — SESSION 8

Chair: Peter Cheng · Room 306

- (L) **Stef Frijters & Atahan Erbas** — Inferring Relations from Relations
- (S) **Jerzy Krol** — Are Graphs, Built on Logical Independence, Capable to Replace Quantum Thinking?
- (S) **J.-Martín Castro-Manzano** — On Paraconsistent Diagrams

10.30–11.00 — Break

11.00–12.30 — GRADUATE SYMPOSIUM

Chair: Nathan Hydon · Room 306

- (G) **Chi Ho Chan** — Generating a Set of Area-Proportional Euler and Venn Diagrams
- (G) **Kwok Shun Lee** — Non-Identity with Mutual Dependence: The Formal Structure of Korean Confucian Doseol and the Limits of Sentential Representation
- (G) **Matt Cuffaro** — Behavioral Types for Goguen's Algebraic Semiotics

12.30–14.00 — Lunch

14.00–15.30 — SESSION 9

Chair: Dave Beisecker · Room 306

- (L) **Tuomo Hiippala et al.** — Discourse-Driven Decomposition of Diagrammatic Representations
- (S) **Yuri Sato & Yuzuki Ono** — Visual Metaphors for Abstract Conditions
- (S) **Ozan Altan Altinok** — Tree of Life as Performative Representation

15.30–16.00 Break

16.00–17.00 KEYNOTE 3

Chair: Pawel M. Sobocinski · Room 306

Peter Cheng

Representing Knowledge and Thought

17.00–17.15 Closing

Room 306