

# Duisterbelt 2025

ETH Zürich | Switzerland | December 11-12, 2025

Program

*Date of this version: 2025-12-01*

# Program

## Thursday December 11th

**08:30 – 09:00**     *Welcome & coffee*

**09:00 – 09:10**     *Opening notes & introductions*

### **Session 1: Assumptions and interpretations**

**09:10 – 09:35**     An experimental framework for testing micro-level assumptions  
*Rob Franken*

**09:35 – 10:00**     Global-, local-, and individual-level interpretability for network models  
*Per Block*

**10:00 – 10:25**     Game-theoretic interpretation of exponential random partition models  
*Marion Hoffman*

**10:25 – 10:50**     Interpreting the E-I index  
*Nynke Niezink*

**10:50 – 11:20**     *Coffee break*

### **Session 2: Methodological innovations**

**11:20 – 11:50**     Modeling the coevolution of panel and relational event network data  
*Maria Eugenia Gil Pallares*

**11:50 – 12:15**     Perception in family networks  
*Marijtje van Duijn*

**12:15 – 14:00**     *Lunch break*

### **Session 3: SAOM applications**

**14:00 – 14:10**     Living alone? Modeling co-habitation patterns using registered data  
*Stepan Zaretckii*

**14:10 – 14:20**     Applied stereotypes and social networks: How stereotypes reinforce social inequalities  
*Zsófia Boda*

**14:20 – 14:45**     Modeling the dynamic of organizational fields - the interplay of global and local network processes  
*Daniel Gotthardt*

**14:45 – 15:10**     What is 'realist evaluation' of interventions? Can network modelling help this?  
*András Vörös*

**15:10 – 15:50**     Review of RSiena applications  
*Isabel Raabe*

**15:50 – 16:20**     *Coffee break*

## Session 4: Lightning talks!

- 16:20 – 16:25** Extreme events, extreme challenges: Designing network studies for predicted climate shocks using SAOM simulation  
*Daniel Gotthardt*
- 16:25 – 16:30** The strength of weak models?  
*Marion Hoffman*
- 16:30 – 16:35** CSS-Models for accuracy - what is the comparison?  
*Robert Krause*
- 16:35 – 16:40** Modeling the dynamics of network perceptions: An update  
*Nynke Niezink*
- 16:40 – 16:45** Social influence on perceived political opinions  
*Rob Franken*
- 16:45 – 16:50** Flexible case-(not only one)-control inference for relational events  
*Martina Boschi*
- 16:50 – 17:20** Questions and discussion  
*All*
- 17:30 – 20:00** *Apero at bQm*

## Friday December 12th

- 08:30 – 09:00** *Welcome & coffee*

## Session 6: Relational event models

- 09:00 – 09:40** The relational state model  
*Ernst Wit*
- 09:40 – 10:05** Causal relational event models  
*Melania Lembo*
- 10:05 – 10:30** Comparative network dynamics: Using DyNAM to contrast social strategies in young vs. old *Drosophila*  
*Alvaro Uzaheta*
- 10:30 – 11:00** *Coffee break*

## Session 7: Models for missing and latent data

- 11:00 – 11:25** BERGMs with missing attributes  
*Robert Krause*
- 11:25 – 11:50** Hyperevent network modelling of partially observed events  
*Veronica Poda*

**11:50 – 12:15**     Inferring anomalies in financial relational processes  
*Martina Boschi*

**12:15 – 14:00**     *Lunch break*

## **Session 8: Developers updates**

**14:00 – 14:40**     What is new in the new version RSiena 2?  
*Tom Snijders*

**14:40 – 15:05**     More about RSiena  
*Christian Steglich*

**15:05 – 15:30**     Many further updates  
*James Hollway*

**15:30 – 16:00**     *Coffee break*

## **Session 9: Discussions**

**16:00 – 17:00**     End discussion: workshops, Duisterbelt, Stocnet, ...  
*All*

**19:30 – 00:00**     *Dinner party at Viadukt*

# List of participants

## Speakers

• Alvaro Uzaheta	(alvaro.uzaheta@gess.ethz.ch)
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• Christian Steglich	(c.e.g.steglich@rug.nl)
• Daniel Gotthardt	(daniel.gotthardt@uni-hamburg.de)
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## Participants

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• Zoran Kovacevic	(zkovacevic@ethz.ch)

# Lunch options

## On campus:

- *Dozentenfoyer* – ETH Main building (Hauptgebäude HG), K floor (~1 min walking distance)  
Seasonal kitchen / hot & cold buffet / smoker / breakfast offers / delicious sweets
- *Polysnack* – ETH Main building (Hauptgebäude HG), F floor (~1 min walking distance) Pizza  
/ pasta / salads / Italian snacks
- *Clausiusbar* – ETH Main building (Tannenstrasse 3), ground floor (~3 min walking distance)  
Freshly prepared Wok specialties / Asian meals and salads
- *Vegan mensa* – UZH Rämi 59 building (Rämistrasse 59), ground floor (~7 min walking distance)  
Vegan and plant-based dishes
- *Archimedes* – ETH GLC building (Gloriastrasse 3), ground floor (~10 min walking distance)  
Counter restaurant with daily dishes / salad bar / barista coffee

## Other cafes and restaurants:

- *Café Oberstrass (Buchmann)* – Universitätstrasse 9 (~5 min walking distance)
- *Hot Pasta* – Universitätstrasse 15 (~7 min walking distance)
- *Pizzeria Culmann* – Culmannstrasse 1 (~7 min walking distance)

## Take-out options:

- *Tiny Fish* – Sonneggstrasse 2 (~5 min walking distance)
- *Klara's kitchen* – Universitätstrasse 17 (~5 min walking distance)
- *mi-te* – Universitätstrasse 25 (~7 min walking distance)
- *The Lemon grass* – Universitätstrasse 31 (~7 min walking distance)

## Thursday evening apero:

- *bQm* – ETH Polyterasse (Leonhardstrasse 34) (~2 min walking distance)

## Friday dinner

- *Quartierraum Viadukt* – Viaduktstrasse 55, near the tram stop Löwenbräu (~35 min walking distance, ~25min by tram with trams 4/13/17)

# Organization

This workshop is organized by the Duisterbelt 2025 organizing committee:

- Nynke Niezink and Marion Hoffman (program committee)
- Per Block, Isabel Raabe, Christoph Stadtfeld, and Alvaro Uzaheta (hospitality committee)

The program booklet was created by Marion Hoffman & Marijn Keijzer.

Title page image: NASA/Night Sky Network