

Logic in Stockholm 2017



Third Nordic
Logic Summer School

<http://logic.math.su.se/nls-2017>

August 7 – 11

ASL European Summer Meeting
Logic Colloquium

<http://logic.math.su.se/lc-2017>

August 14 – 20

26th EACSL Annual Conference
Computer Science Logic

<http://logic.math.su.se/csl-2017>

August 20 – 24



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Sponsors

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- The Swedish Research Council
- G.S. Magnuson Foundation

Organizing institutions

Logic in Stockholm 2017 is organized jointly by members of the Department of Philosophy and the Department of Mathematics at Stockholm University and by members of the Department of Theoretical Computer Science at KTH Royal Institute of Technology.

Local organizing committee

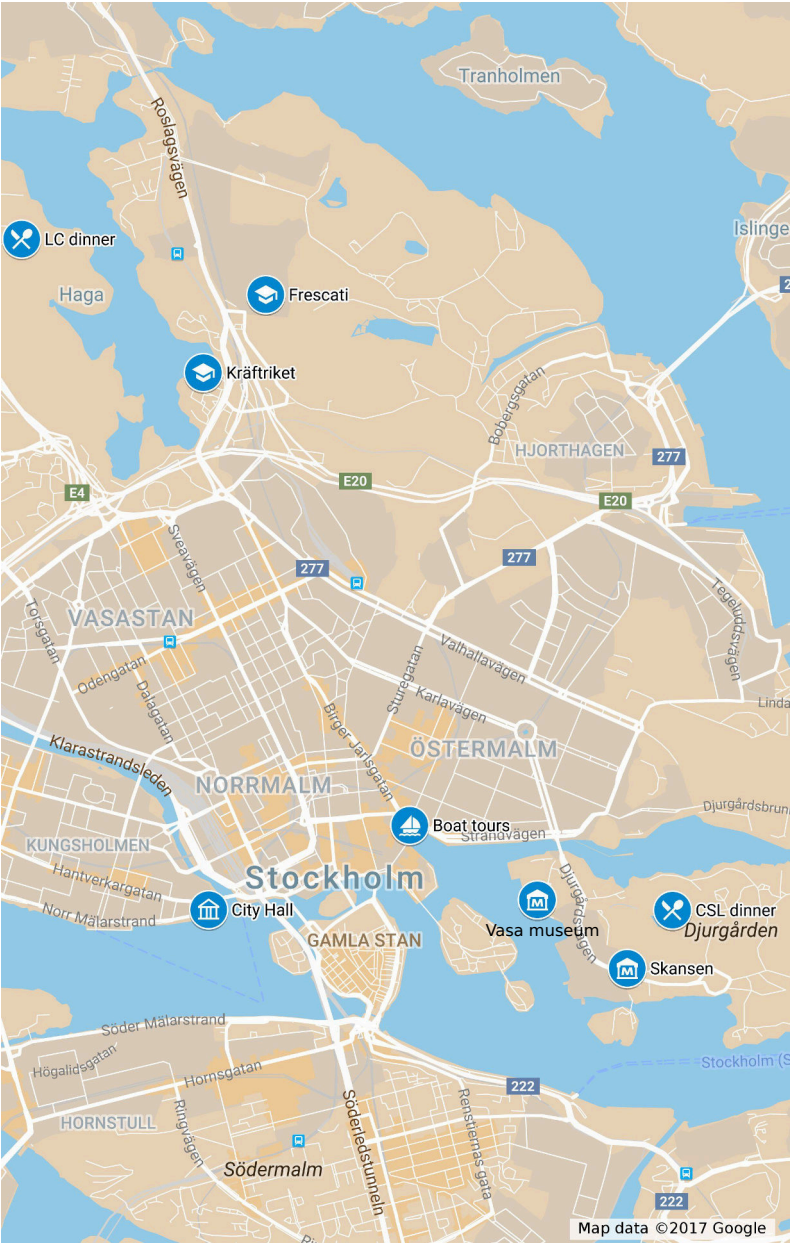
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City map



Frescati map



Kräftriket map



General information

This booklet provides information on the logic-related events held in Stockholm during August 2017:

- Aug 7–11: The Third Nordic Logic Summer School (NLS 2017)
- Aug 14–20: The 2017 ASL European Summer Meeting (Logic Colloquium 2017, LC 2017)
- Aug 20–24: The 26th EACSL Annual Conference on Computer Science Logic (CSL 2017)
- Aug 16–19 and 25: CSL affiliated workshops:
 - Aug 16–19: Logic and Algorithms in Computational Linguistics 2017 (LACompLing)
 - Aug 25: Logical Aspects of Multi-Agent Systems (LAMAS)
 - Aug 25: Logic and Automata Theory (in memory of Zoltán Ésik)

Online information

- Web: <http://logic.math.su.se/logic-in-stockholm-2017>
- Facebook: <https://www.facebook.com/LogicSthlm2017>
- Twitter: @LogicSthlm2017

Locations

The events will take place on two of Stockholm University's campuses: Frescati (LC, CSL) and Kräftriket (NLS and the workshops). Both campuses are located in the north of the city. They are within 15 minutes walking distance of each other.

Public transportation

Public transportation is provided by Stockholms Lokaltrafik (SL). There is a travel planner available on the smartphone app and on the website <https://sl.se/en/>. Timetables (in Swedish) can be picked up free

of charge at SL-centers located around Stockholm or downloaded (in Swedish) from the SL webpage.

An alternative to SL is the rental bike system, with bike stations around Stockholm including on Frescati and Kräftriket campuses, see <http://citybikes.se/>.

To get to Frescati campus one can go by bus or by metro. Kräftriket campus is reachable by bus both from the city and from Frescati campus. See the maps for the locations of metro and bus stops on both campuses.

Tickets must be bought in advance: it is not possible to purchase tickets onboard buses, metro or commuter trains. You can either buy single tickets via the SL smartphone app or load them on an "SL Access Card". The "SL Access Card" can be bought at metro stations, the SL-center and at newsagents. You can load it with either with pay-as-you-go credit or fixed-duration passes. The fixed-duration passes with short duration that are available are 24-hour passes, 72-hour passes and 7-day passes. For more information, see <http://sl.se/en/fares--tickets/>.

The following are the most common ways of getting to and between the campuses.

- From the city to Frescati:
 - Metro: red line towards Mörby Centrum, stop Universitetet
 - Bus: bus 50 towards Stora Lappkärrsberget, stop Universitetet or Universitetsvägen
- From Frescati to the city:
 - Metro: red line towards Fruängen, from stop Universitetet
 - Bus: bus 50 towards Centralen, from stop Universitetet or Universitetsvägen
- From the city to Kräftriket: bus 50 towards Stora Lappkärrsberget, stop Albano
- From Kräftriket to the city: bus 50 towards Centralen, from stop Albano
- From Frescati to Kräftriket: bus 50 towards Centralen, from Universitetsvägen or Universitetet to Albano
- From Kräftriket to Frescati: bus 50 towards Stora Lappkärrsberget, from Albano to Universitetsvägen or Universitetet

The following buses stop at the respective bus stops.

- Albano: 50, 639, 670, 676, 680, 690, 691, 699
- Universitetsvägen: 50, 639, 676, 680, 690, 691, 699
- Universitetet norra: 50, 540, 608, 624C, 628C, 639, 670, 676, 680, 690, 691, 699
- Universitetet södra: 50, 639, 676, 680, 690, 691, 699

Internet access

eduroam is available everywhere on the campuses (and in a number of public locations in Stockholm). Temporary passwords for accessing the university's wireless guest network "SU" will be provided upon request at the registration and information desks.

Lunch restaurants at campus or close to campus

On Frescati campus:

- *Fossilen*
Several options for main meals, 95 kr. They also serve a soup each day for 85 kr. There is also a variety of sandwiches for around 70 kr. The restaurant is usually quite crowded during the summer.
Address: Frescativägen 38
Opening hours: Lunch served Mon–Fri 11:00–14:00, Sat–Sun 11:00–16:00
- *Lantis*
The main lunch venue at Frescati, with an option for buying several lunch tickets at a time. Three different lunch options each day, around 80 kr. Included in the price is a salad buffet and home baked bread.
Opening hours: Mon–Fri 11:00–14:00
Address: Universitetsvägen 7
Note: Card only
- *Picnic*
Cheap fast food: salads, pizza, kebab, hamburgers.
Opening hours: Mon–Fri 10:30–17:00
Address: Frescativägen 18

- *Prego D-huset*
Several options for a light lunch: salads, sandwiches, wraps, 45–70 kr.
Opening hours: Mon–Fri 9:00–16:00
Address: Universitetsvägen 10 D
Note: Limited regular service Aug 21–24. Card only.
- *Skafferiet i Ekoparken*
Several options for high-quality food at a price of 115–135 kr. Salad, bread and still water are included in the price.
Opening hours: Lunch served Tue–Sun 11:00–15:00 (closed on Mondays)
Address: Stora Skuggans väg 12
- *Stora Skuggans Wårdshus*
Several options for high-quality food at a price of 115–135 kr. Salad, bread and still water are included in the price.
Address: Stora Skuggans väg 12
Opening hours: Lunch served Tue–Sun 11:00–15:00 (closed on Mondays)
- *Stories*
Several options for lunch each day, 60–75 kr. There is also a variety of salads for around 70 kr and sandwiches for around 50 kr.
Address: Universitetsvägen 10
Opening hours: Lunch served Mon–Fri 10:30–14:30
Note: Card only

On Kräftriket campus:

- *Café Matte*
Cheap main meals, soups and sandwiches.
Opening hours: Mon–Fri 10:00–16:30
Address: Kräftriket 5A
Note: Cash only
- *Vårdshuset Kräftan*
A lunch buffet is served each day for 110 kr. Still water, coffee and cookies are included in the price.
Opening hours: Lunch served 11:30–14:00
Address: Kräftriket 9

Lunches on Saturday Aug 19 and on Sunday Aug 20

All lunch restaurants at Frescati will be closed on Saturday Aug 19 and on Sunday Aug 20. We will sell lunch boxes, for cash only. More information will be made available online and will be provided at the on-site registration.

The only lunch restaurant which will be open at Kräftriket on Saturday Aug 19 is Café Matte, which accepts cash only.

Contact information

For non-urgent matters please use one of the following e-mail addresses.

- NLS: nls2017@philosophy.su.se
- LC: lc2017@philosophy.su.se
- CSL: csl2017@philosophy.su.se

For urgent matters please call one of the organizing committee's on-site representatives, who will be available at Frescati and Kräftriket during the events.

- Frescati: +4686747984
- Kräftriket:
 - Peter LeFanu Lumsdaine (local organizer): +468161466
 - Erik Palmgren (local organization co-chair): +468164532

Emergency number

The emergency number in Sweden is 112.

Third Nordic Logic Summer School

The Third Nordic Logic Summer School is arranged under the auspices of the Scandinavian Logic Society. The intended audience is advanced master students, PhD-students, postdocs and experienced researchers wishing to learn the state of the art in a particular subject. The school consists of 10 five-hour courses, running in two parallel streams. In addition there are short research presentations and poster sessions.

Online information

For the latest and up-to-date information, see the website

<http://logic.math.su.se/nls-2017>

Location

The school is held in rooms 14 and 15 in building 5 on Kräftriket campus.

On-site registration and information

The on-site registration and information desk for the school will be open Monday Aug 7 08:00–19:00.

Certificates of attendance

Each participant receives a certificate of attendance at the on-site registration.

Excursions

On Wednesday Aug 9 there will be two excursions:

- Boat trip in the Stockholm archipelago:
 - Time: 17:00–20:00
 - Location: Strömma Kanalbolaget, Nybrohamnen 4 (Google Maps: <https://goo.gl/maps/9ykr17tpi4t>)

Snacks and drinks will be provided.

- Guided tour of the Vasa museum:
 - Time: 17:00–18:00
 - Location: Vasamuseet, Galärvarvsvägen 14 (Google Maps: <https://goo.gl/maps/ph4zZUqjhMn>)

There will be a chartered bus leaving from Kräftriket for these excursions after the last lecture.

Friday night party

The school will close with a party on Friday Aug 11:

- Time: 19:00–02:00
- Location: Greens villa (on Frescati campus), Svante Arrhenius väg 10 (Google Maps: <https://goo.gl/maps/z23xvZtmuPv>)

Snacks and hotdogs will be served. Drinks can be bought at the bar at one's own expense.

Schedule

	Mon Aug 7		Tue Aug 8		Wed Aug 9		Thu Aug 10		Fri Aug 11		
09:00	09:00–10:00 ST	09:00–10:00 NL	09:00–10:00 ST	09:00–10:00 NL	09:00–10:00 ST	09:00–10:00 NL	09:00–10:00 ST	09:00–10:00 NL	09:00–10:00 ST	09:00–10:00 NL	09:00
10:00	coffee		coffee		coffee		coffee		coffee		10:00
	10:20–11:20 PT	10:20–11:20 MBC	10:20–11:20 PT	10:20–11:20 MBC	10:20–11:20 PT	10:20–11:20 MBC	10:20–11:20 PT	10:20–11:20 MBC	10:20–11:20 PT	10:20–11:20 MBC	11:00
	11:40–12:40 CL	11:40–12:40 LM	11:40–12:40 CL	11:40–12:40 LM	11:40–12:40 CL	11:40–12:40 LM	11:40–12:40 CL	11:40–12:40 LM	11:40–12:40 CL	11:40–12:40 LM	12:00
13:00	lunch		lunch		lunch		lunch		lunch		13:00
14:00	14:00–15:00 HOC	14:00–15:00 CMP	14:00–15:00 HOC	14:00–15:00 CMP	14:00–15:00 HOC	14:00–15:00 CMP	14:00–15:00 HOC	14:00–15:00 CMP	14:00–15:00 HOC	14:00–15:00 CMP	14:00
15:00	15:20–16:20 LCS	15:20–16:20 TP	15:20–16:20 LCS	15:20–16:20 TP	15:20–16:20 LCS	15:20–16:20 TP	15:20–16:20 LCS	15:20–16:20 TP	15:20–16:20 LCS	15:20–16:20 TP	15:00
16:00	coffee		coffee				coffee		closing / coffee		16:00
	16:40–17:20 tutoring		16:40–17:20 tutoring		17:00–20:00 excursions		16:40–17:20 tutoring				17:00
	17:40–18:30 presentations		17:40–18:30 presentations				17:40–18:30 presentations				18:00
19:00									19:00–party		19:00

- CL Henrik Forssell, *Categorical logic*
- MBC Eric Pacuit, *Logical and probabilistic models of belief change*
- CMP Peter Pagin and Dag Westerståhl, *Compositionality*
- NL Larry Moss, *Natural logic*
- HOC Martín Escardó, *Topological and constructive aspects of higher-order computation*
- PT Andreas Weiermann, *Proof theory*
- LCS Anca Muscholl, *Logic in computer science – control and synthesis, from a distributed perspective*
- ST Mirna Džamonja, *Set theory: forcing methods at the successor of a singular cardinal*
- LM Sara L. Uckelman, *Introduction to logic in the Middle Ages*
- TP Volker Halbach, *Truth & paradox*

2017 ASL European Summer Meeting (Logic Colloquium)

The Logic Colloquium 2017 (LC 2017) is the 2017 annual European summer meeting of the Association of Symbolic Logic (ASL). It is organized by the Departments of Mathematics and Philosophy at Stockholm University and supported by the KTH Royal Institute of Technology.

Online information

For the latest and up-to-date information, see the website

<http://logic.math.su.se/lc-2017>

The full program can be found at

<http://easychair.org/smart-program/LC2017/>

Location

LC 2017 is held on Frescati campus. All sessions will be in Södra huset, except for the joint session with CSL on Aug 20, which will be in G-salen.

On-site registration and information

The on-site registration and information desk will be just inside main entrance D–F of Södra huset, in front of the library. It will be open 17:00–19:00 on Sunday Aug 13 and from 08:00 on Monday Aug 14. From Tuesday Aug 15 to Saturday Aug 19 the registration and information desk will be open during the scheduled activities in Södra huset, except during the ASL council meeting.

Lunches on Saturday Aug 19 and on Sunday Aug 20

Most restaurants at Frescati are closed on Saturday Aug 19 and on Sunday Aug 20. Refer to the section on general information for more information.

Book exhibition

There will be a book exhibition, taking place close to the registration and information desk, main lecture halls and coffee break locations. The following publishers have kindly agreed to participate: Cambridge University Press, College Publications, Oxford University Press, Springer, and World Scientific.

City hall reception

On Monday Aug 14 there will be a reception in the Stockholm City Hall, hosted by Stockholm City:

- Time: 19:00–21:00
- Location: Stockholms stadshus, Hantverkargatan 1 (Google Maps: <https://goo.gl/maps/2f4wKrsMedD2>)

Excursions

On Wednesday Aug 16 there will be two excursions:

- Boat trip in the Stockholm archipelago:
 - Time: 14:00–17:00
 - Location: Strömma Kanalbolaget, Nybrohamnen 4 (Google Maps: <https://goo.gl/maps/9ykr17tpi4t>)

Snacks and drinks will be provided.

- Guided tour of Skansen:
 - Time: 14:00–15:00
 - Location: Skansen, Djurgårdsslätten 49-51 (Google Maps: <https://goo.gl/maps/bU9n5Pf2tD92>)

We will meet outside the main entrance gates.

Dinner

On Thursday Aug 17 there will be a conference dinner:

- Time: 19:00–23:30
- Location: Fjärilshuset, Haga trädgård (Google Maps: <https://goo.gl/maps/fTkqmaB3br52>)

A grill buffet and drinks will be served. There will be chartered buses leaving from Frescati for Fjärilshuset after the last session of the day. After the dinner there will be chartered buses from Fjärilshuset to the city (exact details to be announced).

Schedule

	Mon Aug 14	Tue Aug 15	Wed Aug 16	Thu Aug 17	Fri Aug 18	Sat Aug 19	Sun Aug 20	
09:00	09:00–10:15 Opening + Per Martin- Löf	09:00–10:00 Alessandro Berarducci	09:00–10:00 Elisabeth Bouscaren	09:00–10:00 Emil Jeřábek	09:00–10:00 Sakaé Fuchino	09:00–10:00 Wilfrid Hodges	09:00–13:00 Joint session with CSL (in G- salen)	09:00
10:00	coffee	coffee	coffee	coffee	coffee			10:00
11:00	10:45–11:45 Mai Gehrke	10:30–11:30 Mai Gehrke	10:30–11:30 Patricia Bouyer- Decitre	10:30–11:30 Mai Gehrke	10:30–11:30 Patricia Bouyer- Decitre	10:30–12:00 History of logic session		11:00
12:00	11:45–12:45 David Aspero	11:30–12:30 Denis Hirschfeldt	11:30–12:30 Sonja Smets	11:30–12:30 Patricia Bouyer- Decitre	11:30–12:30 Christina Brech			12:00
13:00	lunch	lunch	lunch	12:30–13:00 Group photo lunch	lunch	lunch		13:00
14:00	14:00–15:30 Special sessions	14:00–15:30 Special sessions	14:00–17:00 Excursions	14:00–15:30 Special sessions	14:00–15:30 Special sessions	14:00–15:30 Category theory and type theory session		14:00
15:00	coffee	coffee		coffee	coffee		coffee	
16:00	16:00–18:00 Contribu- ted talks	16:00–17:00 Contribu- ted talks		16:00–18:00 Contribu- ted talks	16:00–18:00 Contribu- ted talks	16:00–17:00 Dag Prawitz		16:00
17:00								17:00
18:00								18:00
19:00	19:00–21:00 Welcome reception at the City Hall, hosted by Stockholm City			19:00– Dinner				19:00
20:00								20:00
21:00			20:30– ASL council meeting					21:00

Joint session of the Logic Colloquium and Computer Science Logic

As a special feature, on Sunday Aug 20 there will be a joint special session of LC 2017 and CSL 2017, featuring two invited highlight speakers from each conference.

Location

The joint session will be in G-salen on Frescati campus.

Schedule

- 09:00–09:10 Opening
- 09:10–10:00 Verónica Becher
- 10:00–10:50 Wolfgang Thomas
- 10:50–11:20 Coffee
- 11:20–12:10 Pierre Simon
- 12:10–13:00 Phokion Kolaitis

On-site registration and information

There will be an information and CSL registration desk outside G-salen during the joint session.

Lunch

Most restaurants at Frescati are closed on Sunday Aug 20. Refer to the section on general information for more information.

26th EACSL Annual Conference on Computer Science Logic (CSL 2017)

Computer Science Logic (CSL) is the annual conference of the European Association for Computer Science Logic (EACSL). CSL 2017 will be the 26th edition in the series. It is an interdisciplinary conference, spanning across both basic and application oriented research in mathematical logic and computer science. It is co-organized by Stockholm University and KTH Royal Institute of Technology.

Online information

For the latest and up-to-date information, see the website

<http://logic.math.su.se/csl-2017>

The full program can be found at

<http://easychair.org/smart-program/CSL2017/>

Location

CSL 2017 is held on Frescati campus. All sessions will be in DeGeersalen in Geovetenskapens hus, except for the joint session with LC 2017 on Aug 20, which will be in G-salen.

On-site registration and information

The opening hours and location of the registration and information desk are as follows.

- Outside G-salen: Sunday Aug 20 08:30–13:30
- Outside DeGeersalen:
 - Sunday Aug 20 14:00–18:00
 - Monday Aug 21 08:30–18:00
 - Tuesday–Thursday Aug 22–24: during the activities scheduled in DeGeersalen except during the EACSL Annual Membership Meeting

Lunch on Sunday Aug 20

Most restaurants at Frescati are closed on Sunday Aug 20. Refer to the section on general information for more information.

City hall reception

On Monday Aug 21 there will be a reception in the Stockholm City Hall, hosted by Stockholm City:

- Time: 18:30–20:30
- Location: Stockholms stadshus, Hantverkargatan 1 (Google Maps: <https://goo.gl/maps/2f4wKrsMedD2>)

Excursions

On Wednesday Aug 23 there will be two excursions:

- Boat trip in the Stockholm archipelago:
 - Time: 16:00–19:00
 - Location: Strömma Kanalbolaget, Nybrohamnen 4 (Google Maps: <https://goo.gl/maps/9ykr17tpi4t>)

Snacks and drinks will be provided.

- Guided tour of the Vasa museum:
 - Time: 16:00–17:00
 - Location: Vasamuseet, Galärvarvsvägen 14 (Google Maps: <https://goo.gl/maps/ph4zZUqjhMn>)

Dinner

On Wednesday Aug 23 there will be a conference dinner:

- Time: 19:30–23:30
- Location: Högloftet Skansen, Rosendalsvägen (Google Maps: <https://goo.gl/maps/YHPBkf5neDF2>)

A three-course menu including drinks will be served.

Schedule

	Sun Aug 20	Mon Aug 21	Tue Aug 22	Wed Aug 23	Thu Aug 24	
09:00	09:00–13:00 Joint session with the Logic Colloquium (in G-salen)	08:50–10:00 Opening + Laura Kovács	09:00–10:00 Margus Veanes	09:00–10:00 Meena Mahajan	09:00–10:00 Stephan Kreuzer	09:00
10:00		coffee	coffee	coffee	coffee	10:00
11:00		10:30–12:30 Proofs and complexity	10:30–12:30 μ -calculus, games, model checking	10:30–12:30 Automata	10:30–12:30 FOL and MSO	11:00
12:00		12:30–13:00 Group photo				12:00
13:00		lunch	lunch	lunch	lunch	13:00
14:00	14:30–15:50 short talks	14:00–16:00 Type theory and semantics	14:00–16:00 Lambda calculus and functional computation	14:00–15:00 Process algebra and constraint satisfaction	14:00–16:00 Temporal logic and dependence logic	14:00
15:00						15:00
16:00	coffee	coffee	coffee	16:00–19:00 Excursions	coffee	16:00
17:00	16:20–17:40 short talks	16:30–17:30 Interaction and concurrency	16:30–18:00 Church and Ackerman awards		16:30–18:00 Topology and automata	17:00
18:00			18:00–20:00 EACSL Annual Membership Meeting			18:00
19:00		18:30–20:30 Welcome reception at the City Hall, hosted by Stockholm City				19:00
20:00				19:30– Dinner		20:00

Computer Science Logic, affiliated workshops

CSL 2017 has three affiliated workshops:

- Aug 16–19: Logic and Algorithms in Computational Linguistics 2017 (LACompLing),
<http://staff.math.su.se/rloukanova/LACompLing17.html>
- Aug 25: Logical Aspects of Multi-Agent Systems (LAMAS),
<http://www.cs.nott.ac.uk/~psznza/lamas17/>
- Aug 25: Logic and Automata Theory (in memory of Zoltán Ésik),
<https://www.imsc.res.in/~jam/esik/zoltan.html>

All of these will be held on Kräftriket campus. Please refer to the respective websites for further information.

Web: <http://logic.math.su.se/logic-in-stockholm-2017>
Facebook: <https://www.facebook.com/LogicSthlm2017>
Twitter: @LogicSthlm2017