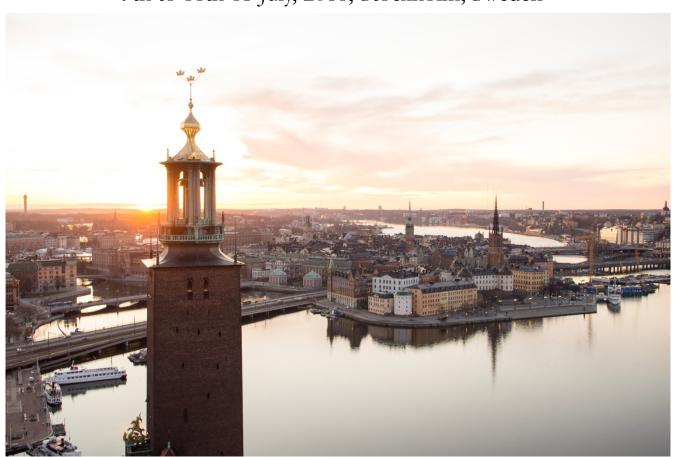


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Martin Enqvist Linköping Univ.

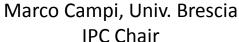


Cristian Rojas, KTH Editor



Paper Submission Chair

Bo Wahlberg, KTH Vice Chair





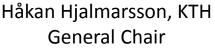
Felicia Gustafsson, KTH Administrator



Thomas Schön Uppsala Univ.



Jonas Sjöberg Chalmers







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IPC chair: Marco Campi, University of Brescia, IT

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Let's go back to the evening of October 20, 2015

The Banquet of SYSID 2015 in Beijing

What we promised:

### Welcome to Stockholm! December 24-26 2018





9th to 11th of July, 2018, Stockholm, Sweden



#### **Practical information**

- Name tags: Contains information about which events you registered for
- WiFi

Network: SU Login: oct-vpbf

Password: X8vMKgVMNL

- Lunches
  - Lunchboxes can be picked up on Floor 3.
  - Special diets: Ask staff for *your* box!
  - Tables on Floors 3,4 and 5, and outdoor (access from Floor 3)
- Coffee Breaks: Floor 3
- **Conference App:** Scan QR-code that can be found on walls or type in <a href="http://ifac.papercept.net/conferences/conferences/SYSID18/app/app.html">http://ifac.papercept.net/conferences/conferences/SYSID18/app/app.html</a>
- Boule/Pétanque: Available outside floor 3
- **Session Chairs:** 15 minutes before session starts
- These slides & photos: <a href="https://www.kth.se/social/group/sysid-2018/">https://www.kth.se/social/group/sysid-2018/</a>
- Emergency exits: Green Signs

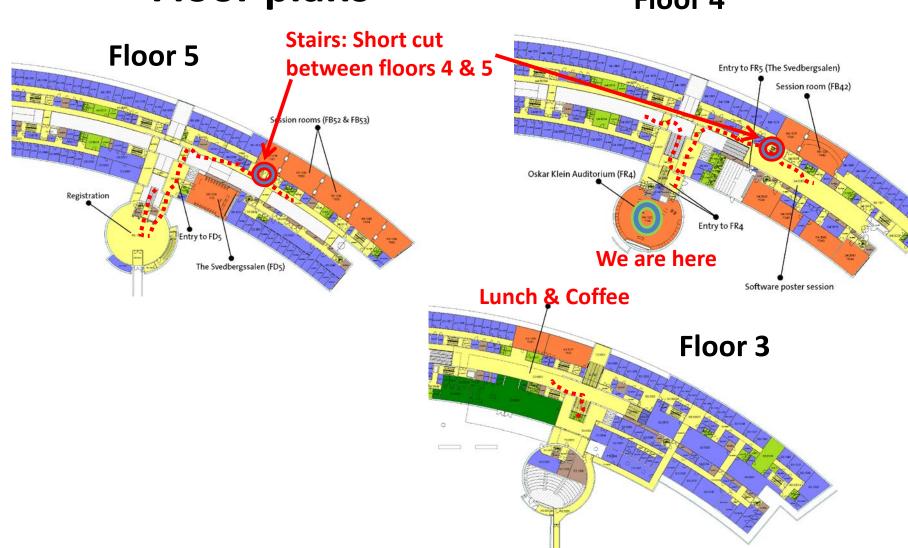


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### Floor plans

#### Floor 4



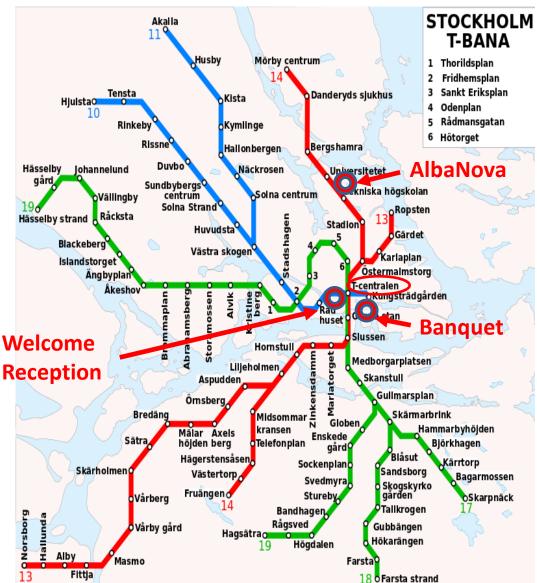


9th to 11th of July, 2018, Stockholm, Sweden



#### Getting around

- 72h travel pass enclosed in conference kit (metro, busses, tramways, commuter trains, ferries (not all))
- App "Res i Sthlm" for planning your travels
- App "SL-Reseplanerare och biljetter" for paying tickets with your mobile





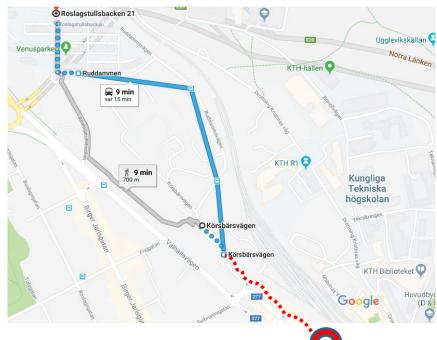
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#### **Getting to AlbaNova**

From metro station Tekniska Högskolan:

- Walk
- Bus 61: Every 15 min (7:00-9:00, 18:00-19:00)



Tekniska Högskolan Metro Station Exit: Körsbärsvägen



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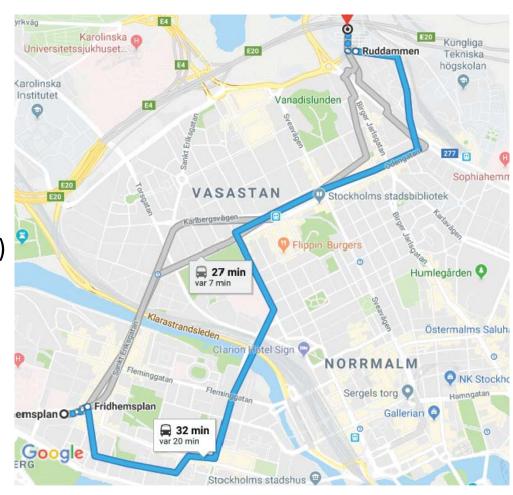


#### **Getting to AlbaNova**

**Bus 61** 

Every 15 min

(7:00-9:00, 18:00-19:00)





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#### **Social Events**

#### Welcome Reception

- Stadshuset (City Hall).
- Monday 19.30 21.30
- Hosted by the City of Stockholm
- You will need your official invitation
- Welcome, Guide, Buffet



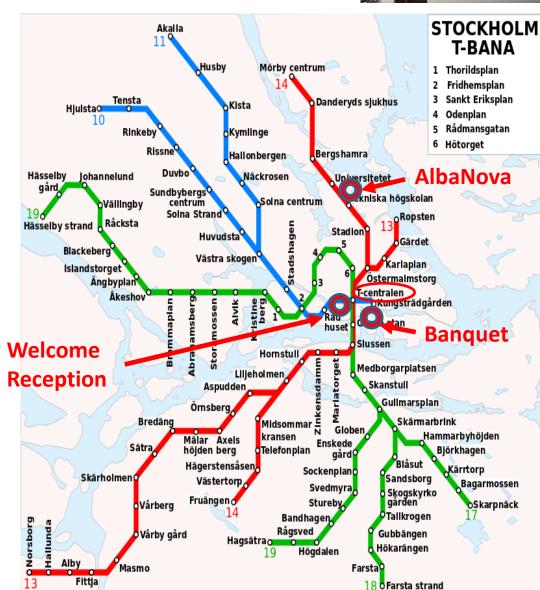


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### **Getting there**

- Metro to **T-Centralen** followed by a 7 minute (600m) walk.
- Bus 61 to Kungsholmstorg followed by a 9 minute (800m) walk.
- Bus 50 from Birger Jarlsgatan (see Final program)
   Bus 50 also passes the Central Station.



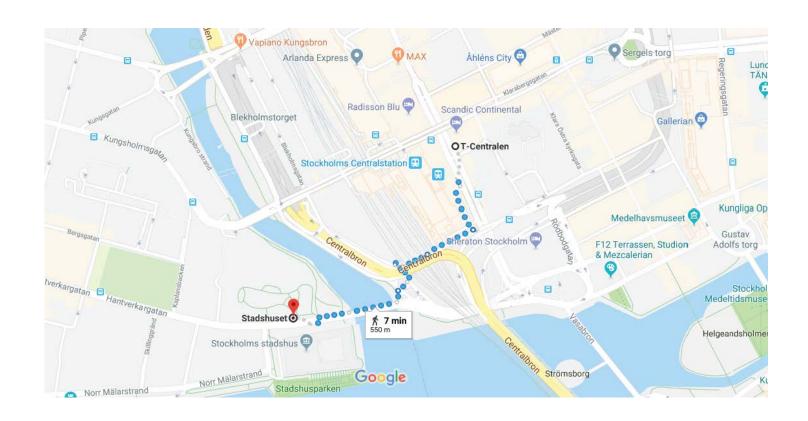


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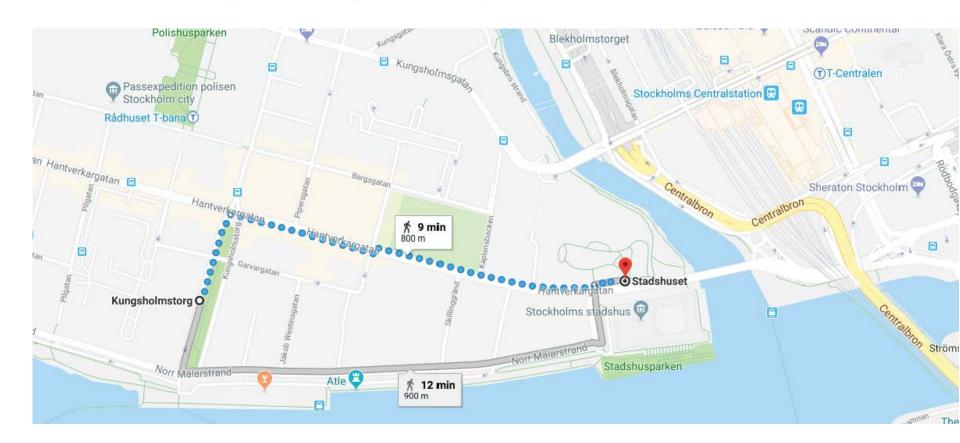


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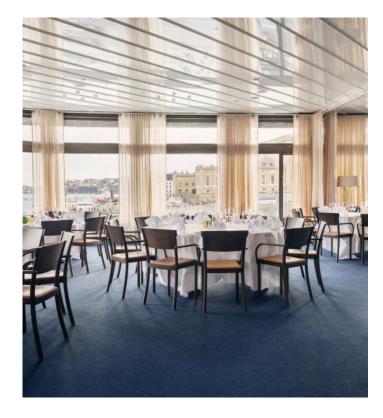
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#### Banquet

- Dinner at Operaterrassen, preceded by mingle at Café Opera
- Tuesday 19:30-
- There are a few seats available at the registration desk. First come first serve. 100 EUR.







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#### Getting there

- Karl XII:s torg
- Metro
  - Get off at T-Centralen and take a 12 min (900 m) walk
  - Take the Blue line to Kungsträdgården (end station) and walk across the park.



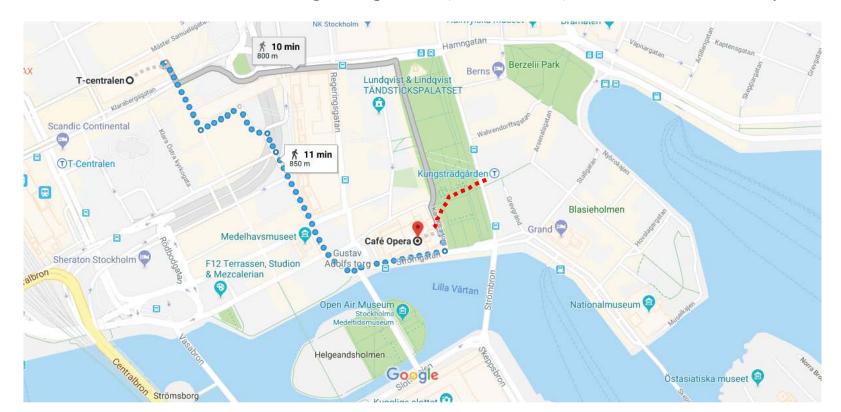


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- Get off at T-Centralen and take a 12 min (900 m) walk
- Take the Blue line to Kungsträdgården (end station) and walk across the park.





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#### Closing Reception

- Wednesday 16:10
- OBS: Starts with Young Author Award Ceremony in the Oskar Klein Auditorium
- Cake & Drinks will then be served on Floor 3.



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### **Technical Program**

2 plenary talks/day

**Johan Schoukens**: Nonlinear System Identification: A User-Oriented Roadmap

Michael I. Jordan: On Gradient-Based Optimization: Accelerated, Stochastic and Nonconvex

Csaba Szepesvári: Why Should You Work on Reinforcement Learning?

Paul M.J. Van den Hof: Data-Driven Modeling in Linear Dynamic Networks

**Gianluigi Pillonetto**: Regularized Kernel-Based Strategies for System Identification **Roy Smith**: Modeling, Identification, Estimation and Adaptation for the Control of Power

Generating Kites

- 185 papers, all with at least three independent reviews. 644 reviews.
   3.5 reviews in average/paper
- 4-5 parallell sessions (Floors 4 and 5)
- 30 regular sessions
- 5 invited sessions
- 1 software demonstration session (Tuesday after lunch, Floor 4)
- Introducing the 6-5-4 system



9th to 11th of July, 2018, Stockholm, Sweden



### **Young Author Award**

To be eligible, the candidate must be the first and presenting author of the paper and at the time of the event must be of max 30 years old.

- First time for SYSID
- 21 nominations
- Award Committee

Brett Ninness (Chair), University of Newcastle Er-Wei Bai, University of Iowa Alessandro Chiuso, Università degli Studi di Padova Rik Pintelon, Vrije Universiteit Brussel



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#### Four finalists:

Federico Bianchi, Politecnico di Milano

MoB04.3 15:10-15:30 A randomized approach to switched nonlinear systems identification, Federico Bianchi, Maria Prandini and Luigi Piroddi

Oliver Kost, University of West Bohemia

**WeA03.4 11:00-11:20** Noise Moment and Parameter Estimation of State-Space Model, Oliver Kost, Jindřich Duník and Ondřej Straka

Tommi Reinikka, Tampere University of Technology

**WeA01.6 11:40-12:00** *PHIL Test Bench for Online-Identification Methods of Complex Power Grid,*Tommi Reinikka, Roni Luhtala, Henrik Alenius, Tomi Roinila and Tuomas Messo

Masoud Moravej Khorasani, The University of Melbourne

**WeB02.1 14:30-14:50** *Non-Asymptotic Confidence Regions for Errors-In-Variables Systems,*Masoud Moravej Khorasani and Erik Weyer



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#### And now:

# LET'S ROLL!!!



9th to 11th of July, 2018, Stockholm, Sweden



#### And now:

# LET'S ROLL!!!