Overview

City: Helsinki
Venue (Dates): Aalto University (June 26 - July 1) / Finlandia Hall (June 12 - 17)
Contact person: Themistoklis Charalambous
(themistoklis.charalambous@aalto.fi)
Principals of organizing committee

Organizing Committee

- Camilla Hollanti
- Olav Tirkkonen
- Themistoklis Charalambous

Technical Program Committee

- Muriel Medard (TPC co-chair, network coding, inf. theory)
- Mikael Skoglund (TPC co-chair, inf. theory)
- Aylin Yener (TPC co-chair, wireless, security)
Past conference organization
(Partial list)

• **Camilla Hollanti:** ITW’19 (PC, publication co-chair), BIRS/Oaxaca Workshop’19 (organizer), Oberwolfach Workshop’19 (organizer), MWCC’18 (organizer), Mittag-Leffler Workshop’17 (organizer), special sessions in ISSSCP 2014, Global Wireless Summit 2014, ICT 2013 (co-organizer).

• **Olav Tirkkonen:** MACOM 2015 (general chair), CrownCom 2014 (program co-chair), IEEE VTC 2012 (TPC vice chair).

• **Themistoklis Charalambous:** Special session SPAWC 2018 (organizing committee), IFAC TC Stochastic Systems 2018 (Vice Chair for Social Media), IEEE Intelligent Vehicles Symposium 2016 (Student Activities Chair).
Chairs

- **Publications**: Jens Zumbrägel, Marcus Greferath
- **Tutorials**: Vitaly Skachek, Tsachy Weissman
- **Student travels**: Deniz Gunduz, Ioannis Krikidis
- **Recent results**: Petar Popovski, Giuseppe Durisi
- **Publicity**: Victoria Kostina
- **Finance**: Alex Jung
- **EDAS administration**: Jens Zumbrägel
- **Local arrangements**: Mikko Vehkaperä
- **Webmaster**: TBA
Location

- Helsinki, Finland
Facts about Finland

- Member of the Eurozone
- Member of the Schengen visa-free travel zone
- Population: 5,523,904 (2016)
- English is widely spoken

Helsinki

- Capital, largest city in Finland
- Population (capital region): 1,125,136 (2016)

Mean temperatures in Helsinki (°C/°F)

<table>
<thead>
<tr>
<th>Month</th>
<th>°C</th>
<th>°F</th>
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<tbody>
<tr>
<td>June</td>
<td>14.6</td>
<td>58.3</td>
</tr>
<tr>
<td>July</td>
<td>17.8</td>
<td>64.0</td>
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<tr>
<td>August</td>
<td>16.3</td>
<td>61.3</td>
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Local price levels

Meal, Inexpensive Restaurant  8.00-20.00 €
Meal, Mid-range Restaurant, 3-course  40.00-70.00 €
Domestic Beer (0.5 liter draught)  4.50-9.00 €
Cappuccino  2.50-4.50 €
Coke/Pepsi (0.33 liter bottle)  1.70-4.00 €
Water (0.33 liter bottle)  1.00-2.50 €
Tap water  free and yummy
Industry

- A global hub in wireless communications
- Nokia, Ericsson, Huawei R&D centers
- Vibrant start-up scene
ISITs in Scandinavia

• Trondheim, Norway, June 1994
• Rönneby, Sweden, June 1976
Proposed locations

We have 2 options available:
• Finlandia Hall (June 12 - 17)
• Aalto University, Otaniemi Campus (June 26 - July 1)
Finlandia Hall

- Very central location, by the Töölö bay
- Numerous hotels within 5-10 minutes walk
- Price: 146,430 EUR (incl. VAT)
Finlandia Hall

- Auditorium for up to 1700 people in the main wing
Finlandia Hall

- Rooms for 9 parallel sessions
Finlandia Hall
Aalto University, Otaniemi campus

- 10 mins with the metro from the city center
- Price: 60,000 EUR (incl. VAT)
Aalto University, Otaniemi campus

Several rooms for parallel sessions and plenary talks with capacities:
- 570, 320 (side-by side, possible plenary w/ video reflector)
- 602, 320, 310, 236 x 2
- 156, 115, 105
- 87 x 2, 72, 70, 67 x 2, 65, 60
Aalto University, Otaniemi campus

- Dipoli
  - Meeting places and work spaces as well as event and exhibition facilities
  - Lunch, banquet, possibly plenaries in 1000-person capacity hall
Aalto/Otaniemi Primary Plan

• All sessions and plenaries in the same building: Otakaari 1
  – See the floor maps of Otakaari 1 on the next slide
• Plenaries in Hall A+B with capacity 570 + 320; video reflection to the smaller hall
• Parallel sessions in vicinity of Hall A+B with two options:
  1) A+B+C+D+E+M1+M2+M3, in two floors
  2) Halls U1-U9, in two floors
• The next slide shows floors 1 and 2 where the two options are:
  1) Floor 1: D, E; Floor 2: A, B, C, M1, M2, M3; in blue/red part
  2) Floor 1: U1-U7; Floor 2: U8, U9; in green part
• Coffee breaks correspondingly in either blue or green area lobby
Aalto/Otaniemi Primary Plan

Floor 1

Floor 2
Aalto/Otaniemi Primary Plan

- Lunch is included in the registration
- Lunches are served at Dipoli, which is 300 meters walking distance from Otakaari 1
- Sunday program (tutorials), welcome reception and banquet in Dipoli

Otakaari 1, plenaries & sessions

Dipoli, lunches, tutorials on Sunday, welcome reception and banquet
Aalto/Otaniemi Commuting

- As of 2017, the Aalto/Otaniemi is served by a fast and convenient metro from Helsinki downtown
  - Metro station is 500 m from Otakaari 1 and the subway trip to downtown takes 11 min
  - Metro runs every 3-4 min during peak hours and every 5-6 min off-peak
  - First metro from downtown to Otaniemi at 05:27, last metro at 23:27

- Commute times (door-to-door, including walking and waiting times) to conference venue according to a route planner from some hotels
  - On campus: Radisson Blue Espoo, 13 min walking, 850 m.
  - Same distance from couple of on-campus hostels.
  - Tapiola Garden hotel, 14 min total, including 700 m walking + bus; with metro there is a bit more walking
  - Hotel Hanasaari (luxury seaside hotel), 17 min total, including 650 m walking + bus
  - Downtown (Kamppi) Scandic Simonkenttä, 21 min total, including 700 m walking + 11 min metro.
  - Multitude of other hotels in downtown with slightly longer trip
Aalto/Otaniemi Services

- Restaurant offering in Otaniemi is sparse at the moment, but is expected to be larger in 2022
  - Safe bet is that the number of nice restaurants within walking distance from campus is an integer >1
- Small mall is under construction on campus, but no concrete information is available yet
- Affordable student housing / hostel also available on campus
Accommodation in Helsinki Region

- Helsinki: 10,000 rooms
- Espoo: 15,000 rooms
- Vantaa: Over 2000 listings on Airbnb

Hostels & apartments:
- 870 rooms
- 6,000 rooms
- 2,100 rooms
- 550 rooms
- 800 rooms
Accommodation in Helsinki
Main sources of income

Assuming 750 participants:
• Registration fees: 464,600 EUR
• Tutorials: 19,100 EUR
• Exhibits: 7,500 EUR
• Sponsorship: 55,000 EUR (pessimistic)
  (NSF: 20,000 USD, Finnish Academy: 30,000 EUR, small grants from the industry and other sources)

Total: 546,200 EUR
Main expenses - Finlandia Hall option

Assuming 750 participants:
• Welcome reception: 23,300 EUR
• Luncheon: 15,000 EUR (snack/lunch box only!)
• Coffee breaks: 70,300 EUR
• Lunch only at tutorial Sunday: 6,720 EUR
• Banquet: 55,575 EUR
• Conference facilities: 146,430 EUR
• Registration costs: 18,600 EUR
• Student Travel grants: 30,000 EUR
• Speakers expenses: 20,000 EUR
• Management costs: 89,375 EUR
• Contingency: 10,000 EUR
• Bank charges: 9,300 EUR (assuming only credit card payment)

Total: 494,600 EUR
Main expenses - Aalto Uni option

Assuming 750 participants:
• Welcome reception: 22,425 EUR
• Luncheon: 15,000 EUR (snack/lunch box only!)
• Coffee breaks + 5x Lunch : 104,000 EUR
• Banquet: 62,000 EUR
• Conference facilities: 60,000 EUR
• Registration costs: 18,600 EUR
• Student Travel grants: 30,000 EUR
• Speakers expenses: 20,000 EUR
• Management costs: 89,375 EUR
• Contingency: 10,000 EUR
• Bank charges: 9,300 EUR (assuming only credit card payment)

Total: 440,700 EUR
Registration Fees

• Registration Fees (estimate)
  • IEEE IT Soc Member, early registration: 760 EUR
  • IEEE Member, early registration: 842 EUR
  • Non-member, early registration: 924 EUR
  • Student IEEE IT Soc member, early registration: 380 EUR
  • Student IEEE member, early registration: 421 EUR
  • Student non-member, early registration: 462 EUR

Objective: try to keep costs low:
  • ≈ 10 % surplus in Finlandia option (@ 750 participants)
  • ≈ 20 % surplus in Aalto option (@ 750 participants)
• **Main destinations in Europe:** Stockholm, Copenhagen, London, Riga, Oslo, Frankfurt, Tallinn, Paris, Berlin, Munich, Amsterdam

• **Excellent connections to Asia** (the airport closest to Asia in the EU) - over 80 direct weekly flights to 13 destinations in Asia by Finnair: Bangkok, Beijing, Delhi, Hong Kong, Istanbul, Nagoya, Osaka, Seoul, Shanghai, Singapore, Tel Aviv, Tokyo, Hanoi, ...
Accessibility

Helsinki-Vantaa (HEL)
• the largest airport in Finland
• 17 km north from the city center 30 min.
• 5-6.50 EUR by train or bus

From Baltic Sea countries:
• Easy access from Tallinn, Stockholm, St Petersburg
• Helsinki is the biggest passenger harbor in the world in terms of # of passengers
Local Transportation

**Single ticket**
- From a ticket machine 2,50€
- From a bus, train or tram 3,00€
- Night-time single ticket 5,00€
- Tram ticket from a ticket machine 2,20€
- Two-hour ticket 4,00€
- Suomenlinna ticket, 12 hours: 5,00€

**1 - 7 days ticket from the machine or outlet**
1 day 8,00€
2 days 12,00€
3 days 16,00€
4 days 20,00€
5 days 24,00€
6 days 28,00€
7 days 32,00€

**Taxi**
- Taxi Start 5.90-8.00 €
- Taxi 1 km 1.52-1.70 €
- Taxi from/to the airport 35-50 €
Big Events in Helsinki

In 2017 Helsinki hosted a total of 367 international association meetings that were attended by almost 72,000 congress visitors.

Examples of recent events of similar size to ISIT

2017
• World Circular Economy Forum 2017 (WCE Forum 2017), 1500 participants
• FIG Working Week 2017, 1500 participants

2016
• ICANN Internet Corporation for Assigned Names and Numbers, 1400 participants
• Interaction16 - The 9th annual conference of the Interaction Design Association IxDA, 900 participants
Slush

- A startup and tech event, organized annually in Helsinki
- In 2017, Slush gathered 20,000 attendees, including 2,600 startups, 1,500 investors and 600 journalists, together representing over 130 countries.
Top 10 Attractions

Suomenlinna Sea Fortress
Temppeliaukio Rock Church
Seurasaari Open-air Museum
Helsinki Tram System
Chapel of Silence
Uspenski Cathedral
Helsinki Cathedral and Senate Square
Esplanade Park
Old Market Hall
Kiasma and Ateneum

Source: Tripadvisor
Suomenlinna Sea Fortress is a Unesco World Heritage site, but also a city neighbourhood with over 800 residents.

Regular guided tours in English everyday, also available in German, Russian, Swedish and Chinese.
Museums in Helsinki

Ateneum - National Gallery
Kiasma - Museum of Contemporary Art
National Museum of Finland
HAM - Helsinki Art Museum
Helsinki City Museum
Natural History Museum
Seurasaari Open-air Museum
Design Museum
Museum of Finnish Architecture
Kunsthalle Helsinki
Hotel and Restaurant Museum
Theatre Museum
Urban Sauna

Löyly new public sauna, located in Hernesaari by the seashore, consists of three saunas: one smoke sauna and two wooden heated saunas fitting around 20 persons each.

Allas Sea Pool is an outdoor sea pool complex and saunas right next to Helsinki market square.

Drawing from the traditional sea spa culture in Helsinki, Allas Sea Pool is a great place to enjoy swimming, sun and the long summer nights.

There is a large terrace area with a café and a restaurant.
Archipelago Cruises
- sightseeing, lunch and dinner cruises, themed cruises
Vallisaari Island, situated next to Suomenlinna Sea Fortress, was opened for public in 2016.

It used to belong to Finnish National Defense Forces and it’s known for its beautiful nature with versatile flora.

Along with the Suomenlinna and Lonna islands it makes an excellent destination for island hopping.
Day trips

Porvoo

Espoo

Lake Tuusula

South Coast Finland

Tallinn - only two hours with the ferry