

# Invitation

## OE-A Meeting Europe

Hosted by: Tampere University  
Special topic: “Smart Objects”

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### Table of Contents

- Invitation
- Information
- Agenda
- Accommodation & travel info
- Health & safety concept
- Quick Facts
- Annex I: Tampere city & hotel map
- Annex II: Tampere University Campus map

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Flexible and printed electronics will boost connectivity and revolutionize the way we live and work. “**Smart Objects**”- everyday items with additional functionalities whether as a sensor network, smart labels or patches, intelligent packages or smart textiles will be a key for a connected future and the basis for IoT, Industrial IoT, and Big Data.

Finally - after two postponements – we are pleased to invite you to join us in Tampere, Finland, for exciting two days on the future of printed electronics. Meet experts, discuss, exchange with our international members, and listen to **end-user and inspirational talks**. Learn about how printed sensors in gaskets will boost predictive maintenance for industrial applications, and how data collected by smart objects will boost the processes in hospitals. Discuss societal aspects of a (hyper-) connected world and how to promote an equitable, sustainable, and joyful digital era.

Furthermore, experts from OE-A members will share valuable knowledge about applications and technologies, all aligned to the **special topic ‘Smart Objects’**.

In a joint meeting of the Working Groups **Sustainability** and **Hybrid Systems** you will get insights on latest EU projects on circular electronics.

Discuss and learn about marketing approaches of large, global companies as well as SMEs in the working group “**Marketing**”.

Also, the OE-A Working Groups **Encapsulation** and **Women in Printed Electronics** will meet to exchange ideas and knowledge during the OE-A Meeting that takes place October 18 & 19, 2022 **hosted by Tampere University**.

The program is rounded off with company visits: a tour to Laboratory for Future Electronics at **Tampere University**, a tour to **Avery Dennison Smartrac’s** R&D facility for RFID tags and the production of functional surfaces at **Iscent**.

There will be also plenty of opportunities during the breaks and the dinner event for networking, discussions, learning, and socializing.

# Invitation

## OE-A Meeting Europe

**Hosted by: Tampere University**  
**Special topic: “Smart Objects”**

**Our host:** Together, **Tampere University** and **Tampere University of Applied Sciences** create a unique environment for multidisciplinary, inspirational, and high-impact research and education. Leading experts in the fields of technology, health and society are changing the world at Finland’s second largest multidisciplinary higher education institution. [www.tuni.fi/en](http://www.tuni.fi/en).

The Laboratory for Future Electronics in the Faculty of Information Technology and Communication Sciences investigates technologies and solutions related to energy-autonomy (storage and harvesting), sensors, conformably wearable electronics (soft/stretchable, on-skin, textile), and hybrid system integration. Strong emphasis is placed on scalable, low-cost manufacturing methods such as printing as well as the integration of printed components and circuits with more conventional component assembly methods. LFE explores new device and circuit approaches based on printable organic and metal oxide semiconductors.

LFE is equipped with state-of-the-art infrastructure for flexible and thin-film electronics, including a wide range of precision printing machines, an integrated inert environment cluster tool incorporating printing, coating, vacuum evaporation, ALD and characterization, and a full range of characterization tools.

Join us!

### Schedule

#### **Tuesday, October 18, 8:30 – 22:00**

08:30 – 09:00	Registration and Come Together
09:00 – 15:00	Plenary
15:00 – 17:00	Lab Tour Tampere University
17:00 – 22:00	Networking Event & Dinner

#### **Wednesday, October 19, 08:00 – 17:30**

08:00 – 8:30	Registration and Come Together
08:00 – 8:30	Women in PE Breakfast
08:30 – 10:45	Plenary
10:45 – 11:45	Working Group Meetings
11:45 – 13:30	Plenary
13:30 – 15:30	Company Tour Avery Dennison
15:30 – 17:30	Company Tour Iscent (including bus transfer back to railway station and meeting venue)

Please find the detailed agenda on the next pages.

# Information

## OE-A Meeting Europe

**Hosted by: Tampere University**  
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### Venue

Tampere University, City Centre Campus  
Main building, 2nd floor  
Kalevantie 4  
33100 Tampere, Finland

### City of Tampere Reception

Old City Hall  
Keskustori 10,  
33210 Tampere, Finland

### Networking Dinner

Restaurant Tampella  
Kelloportinkatu 1  
33100 Tampere

### Women in PE Breakfast

Tampere University, City Centre Campus,  
CAFÉ AULA & TOIVO  
Kalevantie 4  
33100 Tampere, Finland

### Registration

via personal invitation only. Please follow your personal registration link received by e-mail from OE-A (sender: Daria Knoth).

**Registration Deadline: Oct. 11, 2022.**

Please contact [daria.knoth@oe-a.org](mailto:daria.knoth@oe-a.org) for more information or help.

### Onsite Contact, October 18-19, 2022

Maria Espinosa Poma, OE-A  
Mobile : + 49 171 / 76 96 268

### Introduction new Members and Guests, October 18, 2022

1. Please prepare a **short presentation** of your company (2 min.) including:
  - Major activities
  - Competence in Organic and Printed Electronics
  - Interest in the OE-A
  - Contact details
2. Attached to the document is a **pptx-template**, which you can use for your presentation. Please email the presentation **by October 11** to Daria Knoth, OE-A ([daria.knoth@oe-a.org](mailto:daria.knoth@oe-a.org)).
3. Your presentation will be **published in the annex of the minutes** (converted to pdf).
4. **Note that attachments > 5MB may suffer from transmitting problems. A PC and a projector will be available during the meeting**

# Agenda (1/4) preliminary

## OE-A Meeting Europe

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**Tuesday, October 18, 2022, 08.30 – 22.00**

08:30 – 09:00	<b>Registration &amp; Come together</b>
09:00 – 09:05	<b>Welcome</b> Stan Farnsworth, OE-A Chairman
09:05 – 09:15	<b>Welcome Tampere University</b> Prof. Donald Lupo, Professor Electronic Materials, Tampere University
09:15 – 09:40	<b>End-User Presentation:</b> <b>Smarter Sealing for a Safer Tomorrow</b> Jaakko Niukkala, Smart Product Specialist, TT Gaskets
09:40 – 10:20	<b>Introduction New Members / Guests (max. 2 minutes each)</b> New Members and Guests
10:20 – 10:40	<b>Coffee Break</b>
10:40 – 12:40	<b>Sustainability meets Hybrid Systems</b> <b>Joint meeting of the Working Groups Hybrid Systems and Sustainability</b>  <b>Functional electronics as an enabler &amp; catalyser of EU mobility’s twin transition</b> Nicolas Gouze, Project-Coordinator Unicorn, VDI-VDE-IT  <b>Ecotron: How to minimize the environmental footprint for printed electronics</b> Corne Rentrop, Project-Coordinator Ecotron, Holst Centre
12:40 – 13:45	<b>Lunch Break</b>
13:45 – 13:50	<b>OE-A Update</b> Dr. Klaus Hecker, Managing Director, OE-A
13:50 – 14:00	<b>OE-A Business Climate Survey</b> Dr. Klaus Hecker, Managing Director, OE-A
14:00 – 14:15	<b>Introduction Tampere University</b> Prof. Tapio Visakorpi, Vice President of Research, Tampere University

## Agenda (2/4) preliminary

### OE-A Meeting Europe

Hosted by: Tampere University  
Special topic: "Smart Objects"

**Tuesday, October 18, 2022, 08.30 – 22.00**

- |               |   |
|---------------|---|
| 14.15 – 15.00 | <b>Women in Innovation –<br/>Combat Climate Change from different perspectives<br/>Meeting of the Working Group Women in Printed Electronics</b><br><br><b>Perovskite Solar Cells Research at Tampere University</b><br>Prof. Paola Vivo, Associate Professor, Tampere University<br><br><b>Next generation energy storage</b><br>Dr. Marja Vilkmán, Senior Scientist Printed Functional Solutions, VTT |
| 15.00 – 15.30 | <b>Bus transfer to Hervanta Campus</b>  |
| 15.30 – 17.00 | <b>Lab Tour Tampere University</b>  |

### Networking Event & Dinner

- |               |  |
|---------------|--|
| 17.00 – 18.00 | <b>Bus transfer to City of Tampere Reception and sightseeing in Pispala</b>  |
| 18:00 – 19:00 | <b>City of Tampere Reception at the Old City Hall</b>  |
| 19:00 – 19:30 | <b>Walk to networking dinner location through the Tampere Historic City Centre</b>   |
| 19.30 – 22.00 | <b>Networking Dinner @ Restaurant Tampella</b><br>no organized bus transfer back to recommended hotels; walking distance from Restaurant Tampella to recommended hotels approx. 1,5 km |

# Agenda (3/4) preliminary

## OE-A Meeting Europe

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**Wednesday, October 19, 2022, 8.00 – 17.30**

- |                      |  |
|----------------------|--|
| <b>08:00 – 08:30</b> | <b>Registration &amp; Come together</b>  |
| <b>08:00 – 08:30</b> | <b>Women in Printed Electronics Breakfast</b><br>Tampere University, City Centre Campus,<br>CAFÉ AULA & TOIVO, Kalevantie 4, 33100 Tampere   |
| <b>08:30 – 08:40</b> | <b>Welcome</b><br>Stan Farnsworth, OE-A Chairman   |
| <b>08:40 – 09:05</b> | <b>Impulse Presentation:</b><br><b>Utopias of hyperconnected society: How to promote an equitable, sustainable, and joyful digital era?</b><br>Johannes Mikkonen, Senior Policy Expert, Digital Governance, Demos Helsinki |
| <b>09:05 – 09:15</b> | <b>LOPEC Outlook</b><br>Wolfgang Mildner, General Chair, LOPEC   |
| <b>09:15 – 09:40</b> | <b>End-User Presentation:</b><br><b>Translating data to clinical value</b><br>Antti Roine, CEO & Co-Founder, Olfactomics Ltd   |
| <b>09:40 – 10:40</b> | <b>Special Topic Session: Smart Objects</b><br>Presentations by several OE-A members on latest products and developments   |

### Break-out session working groups (1/2)

- |                      |  |
|----------------------|--|
| <b>10.40 – 11.40</b> | <b>Working Group Encapsulation</b><br>Dr. Manuel Gensler, Spokesperson WG Encapsulation, Fraunhofer IAP<br><br><b>Standardization activities at the International Electrotechnical Commission</b><br>Dr. Andreas Willert, Chair IEC TC 119 "Printed Electronics",<br>Fraunhofer ENAS<br><br><b>Trends and latest developments in flexible barrier technologies</b><br>Dr. Manuel Gensler, Fraunhofer IAP |
|----------------------|--|

# Agenda (4/4) preliminary

## OE-A Meeting Europe

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**Wednesday, October 19, 2022, 8.00 – 17.30**

### Break-out session working groups (2/2)

<b>10.40 – 11.40</b>	<b>Working Group Marketing</b> Stan Farnsworth, Spokesperson WG Marketing, Pulseforge/NovaCentrix  <b>Balancing global brand consistency with local relevancy</b> Gottfried Wastlbauer, Global Head of Marketing, BU Display Solutions, Merck Electronics  <b>The Evolution of High-Tech B2B Marketing in the Different Stages of a Startup: Case Ynvisible</b> Jani-Mikael Kuusisto, Senior VP & Director, Ynvisible
<b>11.40 – 12.00</b>	<b>Coffee Break</b>
<b>12.00 – 12.20</b>	<b>Summary of the OE-A Working Groups</b>
<b>12.20 – 12.30</b>	<b>Summary and Adjourn</b> Stan Farnsworth, OE-A Chairman
<b>12.30 – 13.30</b>	<b>Lunch Break</b>
<b>13.30 – 14.00</b>	<b>Bus Transfer to Avery Dennison</b>
<b>14.00 – 15.00</b>	<b>Company Tour Avery Dennison</b>
<b>15.00 – 15.45</b>	<b>Bus Transfer to Iscent</b>
<b>15.45 – 16.45</b>	<b>Company Tour Iscent</b>
<b>16.45 – 17.30</b>	<b>Bus Transfer to Tampere Railway Station and Meeting Venue</b>

# Accommodation & travel info

## OE-A Meeting Europe

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### ACCOMMODATION

We recommend the following hotels for your accommodation, which are located next to the **Tampere University (City Centre Campus)**:

#### **Courtyard by Marriott Tampere City**

Yliopistonkatu 57  
33100 Tampere

For **15 % discount** of the price of the day, use the code “T2628” in the Special Rates section on the Corporate/Promo/Set field on the website.

Phone: +358 29 3575700  
100 m from Campus / 2 minutes walking

#### **Lapland Hotels Tampere**

Yliopistonkatu 44  
33100 Tampere

For **15 % discount** of the price of the day, use the booking code “01556684” on the website.

E-Mail: [tampere@laplandhotels.com](mailto:tampere@laplandhotels.com)  
Phone: +358 3 383 0000  
250 m from Campus / 3 minutes walking

#### **Original Sokos Hotel Villa**

Sumeliuksenkatu 14  
33100 Tampere

E-Mail: [villa.tampere@sokoshotels.fi](mailto:villa.tampere@sokoshotels.fi)  
Phone: +358 20 1234633  
250 m from Campus / 3 minutes walking

Kindly book your accommodation directly through the hotel or a booking platform.

### TRAVEL INFORMATION

#### **Traveling by plane:**

The **Tampere-Pirkkala Airport** is located about 17 km south-west of the Tampere University Campus. From the airport, you can reach the campus by **taxi** (approx. 20 minutes) or **public transport**.

#### **Traveling by train:**

The **Tampere Central Station** (Tampereen Rautatieasema) is conveniently located about 750 m from the campus.

If you are flying to Helsinki, you can travel from there to Tampere by train or bus in around 2 hours. Trains and buses between Helsinki Airport and Tampere run frequently

**[Check the train connections here.](#)**

**[Check the bus connections here.](#)**

# Health & Safety Concept

## OE-A Meeting Europe

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Last Update: August 25, 2022

There are currently no restrictions on accessing or visiting Tampere University. Please note, that this is subject to changes, depending on the current national safety regulations. We will inform you immediately if changes apply.

**If you show signs of illness that could indicate infection with SARS-CoV-2, please refrain from attending the OE-A Meeting.**

OE-A and Tampere University also recommend the following safety standards that - along with vaccination - help protect you and others by reducing the chances of spreading COVID-19

- **Self-Tests:** Regardless of your vaccination status and whether you have symptoms or not we kindly ask you to test yourself before joining the OE-A meeting.
- **Mask:** Recommendation to wear a FFP2 mask at the meeting venue.  
**Please note, that it is obligatory to wear a FFP2 mask within the organized bus transfer.**
- **Distance of 1.5 meters:** Recommendation to maintain a minimum distance of 1.5 meters during the entire event

- **Washing hands:** Clean your hands frequently with alcohol-based hand rub or soap and water.
- **Respiratory Hygiene/Cough Etiquette:** Cover your mouth and nose with your bent elbow or a tissue when you cough or sneeze. Dispose of the used tissue immediately into a closed bin and wash your hands

Besides, the health and safety concept of Tampere University and VDMA applies. Please check the current regulations and latest updates on the coronavirus online:

- [Covid-19 safety guidelines of Tampere University](#)
- [Covid-19 safety guidelines of VDMA](#)

# Quick Facts

## OE-A Meeting Europe

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### Climate

The climate of Tampere is cold continental, with freezing winters and mild summers.

In October, the weather in Tampere is usually quite cold. The average temperature is of 4.6 °C (40 °F), with a minimum of 1.7 °C (35 °F) and a maximum of 7.4 °C (45.3 °F).

Please see [the weather forecast here](#).

### Currency

The local currency is the **EURO (EUR, €)**. Credit cards are widely accepted. Using ATMs with a credit or debit card is by far the easiest way of getting cash in Finland. ATMs have a name, Otto, and can be found even in small villages.

### Electricity

In Finland the power sockets are of type F, also known as "Schuko" (two-pin plug). The standard voltage is 230 V and the standard frequency is 50 Hz.

### Emergency Numbers

European **SOS 112**. The number 112 can be dialed to reach emergency services - medical, fire and police - from anywhere in Europe.

### Geography

Tampere is a city in the Pirkanmaa region, located in the western part of Finland on a neck of land between two lakes. Lake Näsijärvi is located on the north side of the city while Lake Pyhäjärvi lies to the south.

It is the third largest city in Finland with 241,009 inhabitants (at the end of 2020) and one of the three most rapidly developing regions. It is a centre of leading-edge technology, research, education, culture, sports and business. Global companies and the Tampere University as well as close to 30 000 students make Tampere Region a wanted, admired and valued centre of international know-how.

### Time Zone

EEST (Eastern European Summer Time)  
UTC/GMT +3 hours

# TAMPERE.

FINLAND

## VENUES

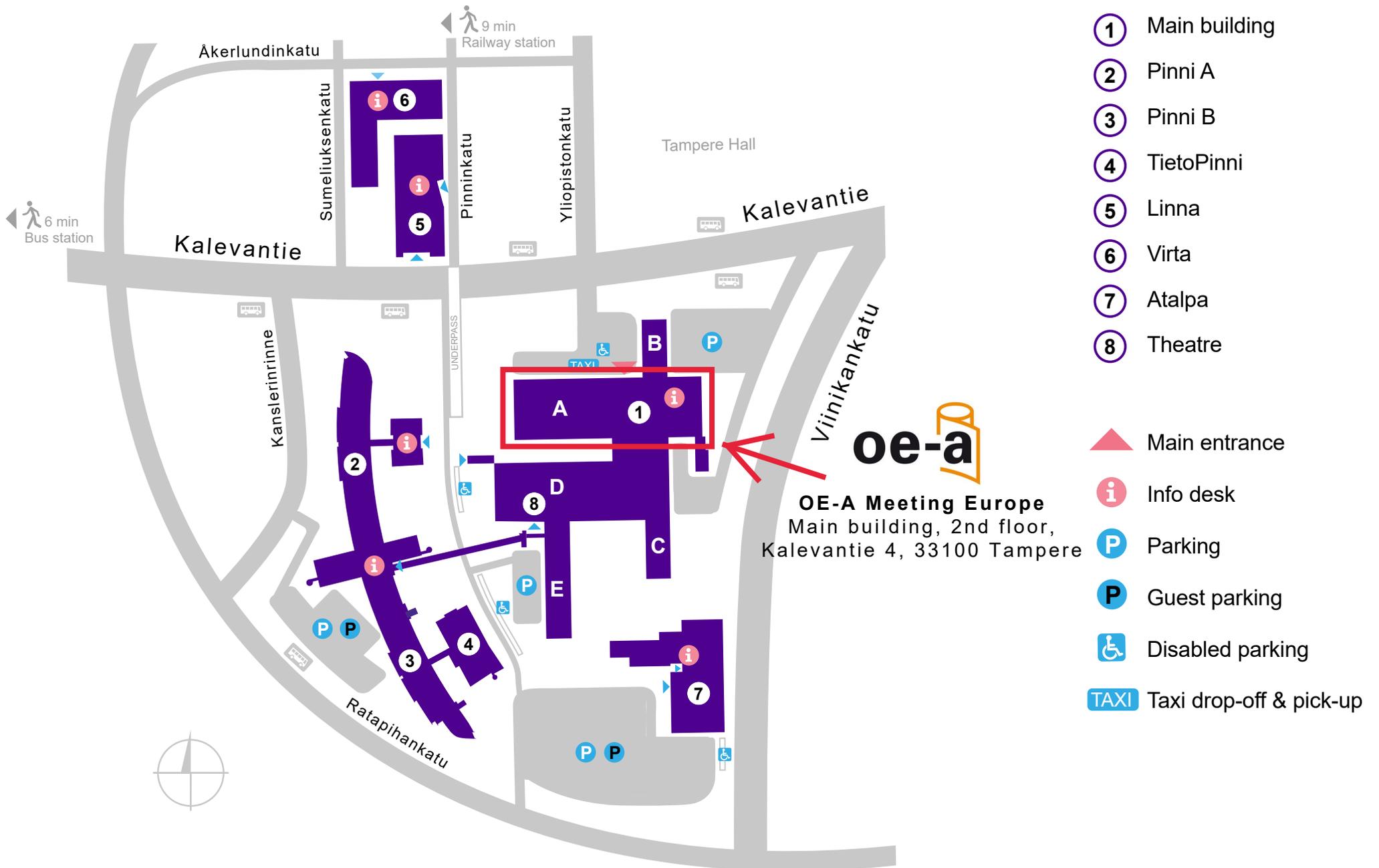
- A** Tampere University, city centre campus
- B** Tampere University, Kauppi campus
- C** Tampere University, Hervanta campus
- D** Tampere Hall **N**

## ACCOMMODATION OPTIONS (ROOMS)

- 1** Solo Sokos Hotel Tornii (305) **C**
- 2** Original Sokos Hotel Ilves (336) **C**
- 3** Original Sokos Hotel Villa (99) **C**
- 4** Hotel Scandic Tampere Station (200) **N**
- 5** Hotel Scandic Tampere City (263) **N**
- 6** Courtyard by Marriott Tampere City (229) **L**
- 7** Lapland Hotels Tampere (141)
- 8** Lapland Hotels Arena (285)
- 9** Holiday Inn Tampere – Central Station (177)
- 10** Radisson Blu Grand Hotel Tammer (87) **C**
- 11** Hotel Scandic Koskipuisto (284)
- 12** Hotel Scandic Hämeenpuisto (178)
- 13** Hotel Scandic Rosendahl (213) **N**
- 14** Dream Hostel & Hotel (38)
- 15** Holiday Club Tampereen kylpylä (92)
- 16** Forenom Aparthotel Tampere City (105)
- 17** Forenom Tampere (55)
- 18** Norlandia Hotel Tampere (130)

-  RAILWAY STATION
-  TAMPERE-PIRKKALA AIRPORT
-  BUS STATION
- N** = NORDIC SWAN
- C** = GREEN KEY LABEL
- L** = LEED CERTIFICATE





- ① Main building
- ② Pinni A
- ③ Pinni B
- ④ TietoPinni
- ⑤ Linna
- ⑥ Virta
- ⑦ Atalpa
- ⑧ Theatre

- ▲ Main entrance
- i Info desk
- P Parking
- P Guest parking
- ♿ Disabled parking
- TAXI Taxi drop-off & pick-up

**oe-a**  
**OE-A Meeting Europe**  
 Main building, 2nd floor,  
 Kalevantie 4, 33100 Tampere