

IEEE Power Electronics Society

Application for Organization of the 7th IEEE International Conference on DC Microgrids (ICDCM'2025)

28-30 May 2025, Tallinn, Estonia

Dmitri VINNIKOV

*IEEE Fellow, Head of Power Electronics Group
Tallinn University of Technology (TalTech)*

ESTONIA



- Area 45,227 km²
- Population about 1.3 million
- Capital - Tallinn
- Currency: Euro
- Estonia has over 1500 islands and 1000 lakes
- Over 52% of Estonia is covered with forest
- Estonia is a country of white nights
- Estonia has most startups per capita in Europe
 - Over 1400 startups (100+ per capita)
 - 10 unicorns (7.7 per million capita - Skype, Playtech, Wise, Bolt, Pipedrive, Zego, ID.me, Gelato, Veriff, Glia)



More information:
www.visitestonia.com

TALLINN - THE EUROPEAN GREEN CAPITAL 2023



TALLINN

- Was founded in 1219 and received city rights in 1248
- Population about 430 000
- Tallinn's old town is a UNESCO World Heritage site
- Easy connections to everywhere (Lennart Meri Tallinn Airport – one of the cosiest in the world, Old City Harbour, railway and bus stations)
- Since 2013 Tallinn is the first capital in the EU to provide free public transport to its citizens
- One of the best public Wi-Fi services in the World
- High quality of education and research with 4 public universities, 3 universities of applied sciences and 7 private colleges and universities
- Tallinn is home to more than 60 museums and galleries

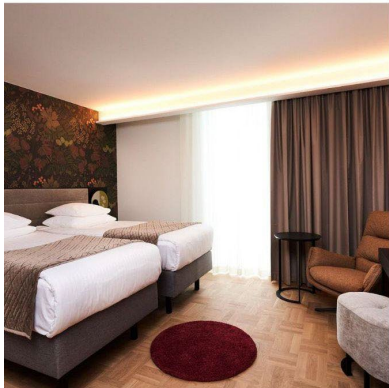
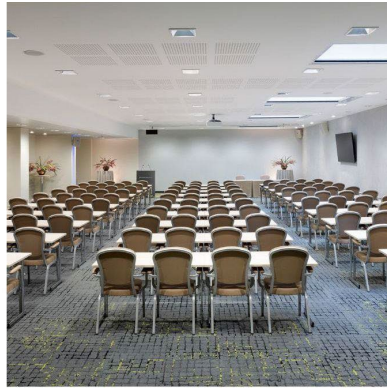


More information:

<https://www.visittallinn.ee/eng>

VENUE – NORDIC HOTEL FORUM

<https://www.nordichotels.eu/en/>



Wonderful
2,044 reviews
9.0
booking.com

TALLINN – PLACES TO VISIT



Town Hall Square and Town Hall



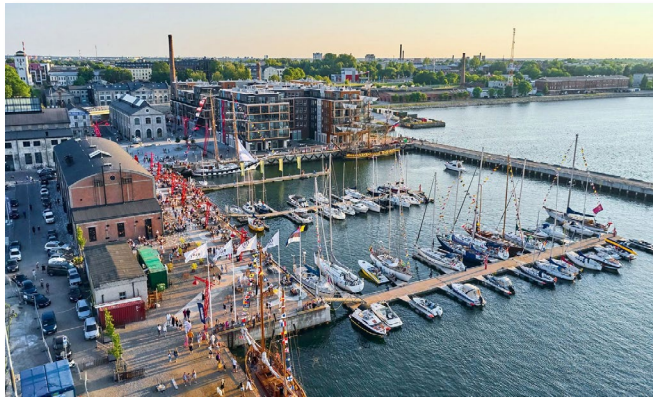
Toompea Castle



Kadriorg Palace and Park



Estonian Maritime Museum



Noblessner Seafront Quarter



Tallinn TV Tower

HOW TO GET HERE

By bus

International bus lines offer connections to Tallinn from several other European cities.



By plane

Lennart Meri Tallinn Airport is very conveniently located – just 4 km from the city center. You can easily travel to and from the airport by tram, bus, or taxi.



By boat, ferry, or cruise ship

Ships from Helsinki and Stockholm bring travelers to Tallinn's passenger port each day. Tallinn also welcomes visitors arriving with yachts.

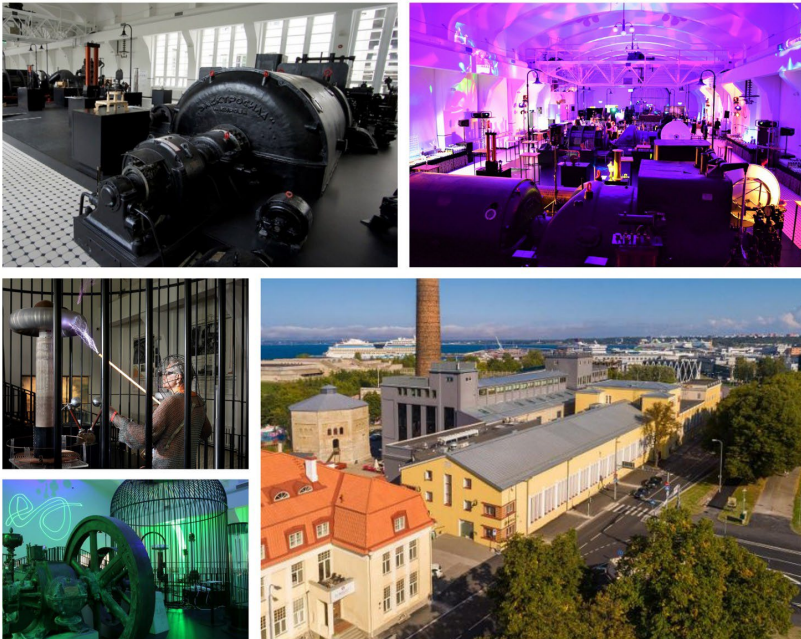


VENUES FOR SOCIAL EVENTS

WELCOME RECEPTION

Energy Discovery Center

(old power plant) located 1 km away from the conference hotel



GALA DINNER

Estonian Maritime Museum

located 2 km away from the conference hotel



ACCOMMODATION

Tallinn has numerous hotels. Close to the venue, accommodation prices range from 50 to 200 EUR/night, which will suit every pocket. Below, you will see indicative prices (as of 2022/23) for possible accommodation places, along with their ranking from Booking.com.



1. Venue – Nordic Forum Hotel (9.0 on booking.com)
2. Sokos Hotel Viru (300 m, 8.3 on booking.com)
3. Tallink City Hotel (200 m, 8.5 on booking.com)
4. Metropol Spa Hotel (300 m, 8.7 on booking.com)
5. Hotel Metropol (300 m, 8.0 on booking.com)
6. Park Inn by Radisson Central Tallinn (400 m, 8.4 on booking.com)
7. City Yard Inn (600 m, 8.9 on booking.com)
8. Kalev Spa Hotel & Waterpark (500 m, 8.5 on booking.com)
9. Rixwell Viru Square Hotel (450 m, 7.8 on booking.com)
10. My City Hotel (700 m, 8.8 on booking.com)
11. Savoy Boutique Hotel (600 m, 8.8 on booking.com)
12. CRU Hotel (500 m, 8.7 on booking.com)
13. Citybox Tallinn (500 m, 8.9 on booking.com)
14. Hestia Hotel Europa (700 m, 8.7 on booking.com)
15. Hotel Regent Tallinn (950 m, 9.5 on booking.com)

CONFERENCE DETAILS

Tentative Dates: May 28-30, 2025

Conference Chair:

Dmitri Vinnikov (TalTech, Estonia)

Conference Co-Chair:

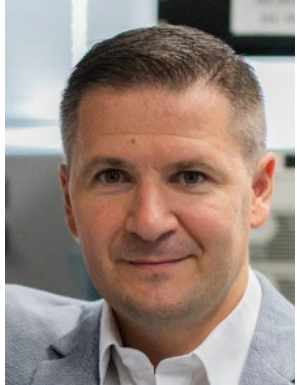
Andrii Chub (TalTech, Estonia)

Finance Chair:

Andrei Blinov (TalTech, Estonia)

Venue: Nordic Hotel Forum, Tallinn, Estonia

CONFERENCE CHAIR



Dmitri Vinnikov (IEEE Fellow), Research Professor and Head of the Power Electronics Group, Department of Electrical Power Engineering and Mechatronics, Tallinn University of Technology (Estonia). He has authored or coauthored four books, five monographs and three book chapters as well as more than 400 published papers on power converter design and development and is the holder of numerous patents and utility models in this field. His research interests include applied design of power electronic systems, implementation of wide-bandgap semiconductors, renewable energy conversion systems, energy-efficient buildings, reliability and fault-tolerance of power electronic converters. D. Vinnikov is a full member of the Estonian Academy of Sciences and a Chair of the IEEE Estonia Section. He has served as a General Chair of the IEEE CPE'2011, POWERENG'2015 and CPE-POWERENG'2023 Conferences.

CONFERENCE CO-CHAIR



Andrii Chub (IEEE Senior Member), Senior Researcher, Power Electronics Group, Department of Electrical Power Engineering and Mechatronics, Tallinn University of Technology (Estonia). He has coauthored more than 200 articles and several book chapters on power electronics and applications and holds several patents and utility models. His research interests include advanced dc-dc converter topologies, renewable energy conversion systems, energy-efficient buildings, reliability, and fault-tolerance of power electronic converters. A. Chub is a Chair of the IEEE Estonia IES/PELS/IAS/PES Joint Chapter. He has served as a General Co-Chair of the CPE-POWERENG'2023 Conference.

CONFERENCE COMMITTEES (PROPOSED, TO BE CONFIRMED)

Technical Program Chairs:

Prof. Rik De Doncker (RWTH Aachen, Germany)

Frede Blaabjerg (Aalborg University, Denmark)

Prof. Peng Wang (NTU, Singapore)

Dr Bernd Wunder (Fraunhofer IISB, Germany)

Publication Chairs:

Pavol Bauer (TU Delft, The Netherlands)

Tomislav Dragičević (DTU, Denmark)

Tutorial Chairs:

Paolo Mattavelli (University of Padova, Italy)

Antonio J. Marques Cardoso (University of Beira Interior, Portugal)

Industry Relations Committee:

Harry Stokman (DC Systems B.V. by Schneider Electric, The Netherlands)

Yannick Neyret (CurrentOS Foundation, The Netherlands)

Staffan Norrga (SCiBreak AB, Sweden)

International Steering Committee:

TBD with feedback from TC1

Local Organizing Committee:

Edivan Laercio Carvalho (TalTech, Estonia)

Neelesh Yadav (TalTech, Estonia)

Oleksandr Matiushkin (TalTech, Estonia)

Oleksandr Korkh (DefSecIntel, Estonia)

TENTATIVE BUDGET IN 2023 PRICES (SUBJECT TO ADJUSTMENTS)

- **Expected attendees:** 100
- **Total budget:** 65'000 USD
- **Total expenses:** 54'000 USD
- **Surplus:** 11'000 USD

Participation fees (tentative)

	Non IEEE Members	IEEE Members	PELS Members
Early registration	750 USD	700 USD	650 USD
Late registration	850 USD	800 USD	750 USD
Student early registration	570 USD	520 USD	
Student registration	620 USD	570 USD	

