

55th Anniversary Conference of
the Finnish Recovery Boiler Committee

**RECOVERY BOILER KNOWLEDGE -
PAST, PRESENT AND FUTURE**



PROGRAMME

Radisson Blu Marina Palace Hotel
Turku, Finland
June 5-7, 2019

Content:

Introduction	3
Location and conference venue	4 - 5
Conference programme	6 - 7
Social programme	8
Exhibition	9
Hotel and travel information	10
Map of Turku	11

Organizer contact information:

Finnish Recovery Boiler Committee
Jaakonkatu 3
FI-01620 Vantaa
Finland
Tel +358 10 3311
www.soodakattilayhdistys.fi



**Radisson Blu Marina Palace Hotel, Turku, Finland
June 5-7, 2019**

The Finnish Recovery Boiler Committee has promoted safe, economic and environmentally friendly operation of recovery boilers and closely related processes since 1964.

Year 2019 will mark the 55th year for this activity. To celebrate the occasion the Finnish Recovery Boiler Committee arranges an International seminar at Radisson Blu Marina Palace hotel in Turku, Finland on June 5-7, 2019.

The theme for this anniversary seminar is "Recovery Boiler Knowledge – Past, Present and Future" and the programme will be consisted of presentations from internationally known researchers and experts on the area of recovery boiler development and control of the recovery boiler related processes.

The Finnish Recovery Boiler Committee wants also honor the 100th anniversary of Åbo Akademi University by organizing this seminar in Turku. Established in 1918, Åbo Akademi University was among the first institutions of the independent State of Finland. The fruitful long-term collaboration with Åbo Akademi has been of great importance to the Finnish Recovery Boiler Committee's operation.

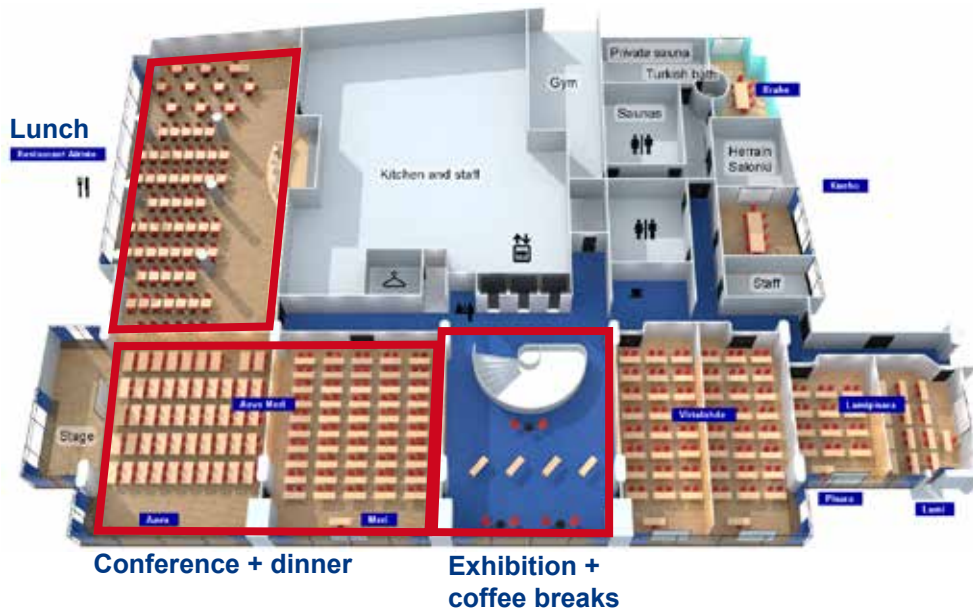
Warmly welcome to attend the seminar in Turku!

LOCATION AND CONFERENCE VENUE

The conference will be held at Radisson Blu Marina Palace Hotel. This iconic hotel is situated in Turku city centre near the Aura river.



The hotel's enviable location and excellent architecture have drawn noteworthy attention and a significant guest list since it opened in 1974. The Radisson Blu Marina Palace Hotel was featured in American architecture journals and quickly became a favored accommodation for business travelers as well as state officials and celebrities. All the Finnish presidents have stayed at the hotel, and other esteemed guests include King Carl XVI Gustaf and Queen Silvia of Sweden, French president François Mitterrand, Queen Beatrix of the Netherlands; and international music stars such as Mireille Mathieu, Tom Jones and Bruce Springsteen. Karita Mattila, the Finnish opera star, also frequently stays at the hotel.



LOCATION AND CONFERENCE VENUE

Turku region

Finland's oldest city Turku is the starting point of the world's most beautiful archipelago.

The 2011 European Capital of Culture's sights include a castle and a cathedral.

The 40 000 island archipelago begins at the mouth of Turku's River Aurajoki and stretches all the way to Stockholm.

Turku is also often called "the little Paris" for its beautiful river, restaurants, cafés and stylish boutiques.



Åbo Akademi University

Established in 1918, Åbo Akademi University was among the first institutions of the independent State of Finland.

In 2018, Åbo Akademi University celebrated its 100th anniversary in both Turku and Vaasa. The aim was to engage, along with the personnel and students, the public, alumni and co-operative partners to take part in the celebrations.



Photo: Åbo Akademi University image bank

CONFERENCE PROGRAMME

WEDNESDAY, JUNE 5

- Time**
17.00 **Registration open**
Radisson Blu Marina Palace Hotel, Kristallisali
- 19.00-22.00** **Get Together cruise**
M/S Lily, Läntinen Rantakatu, Turku

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THURSDAY, JUNE 6

- 08:00** **Registration**
- 08:55** **Opening Words**
Markus Nieminen, Finnish Recovery Boiler Committee
- 09.00-9.30** **Opening speech / Åbo Akademi 100 years;
Recovery boiler research highlights**
Mikko Hupa, Åbo Akademi
- 09.30-10.00** **Åbo Akademi 100 years; Present research**
Markus Engblom, Åbo Akademi
- 10:00-10:30** **Coffee Break + Exhibition**
Kristallisali
- 10.30-11.00** **Firing practises in modern recovery boilers**
Esa Vakkilainen, LUT University, Lappeenranta
- 11.00-11.30** **Nitrogen in wood and its fate at kraft pulp mills**
Klaus Niemelä, VTT Technical Research Centre of Finland Ltd
- 11.30-12.00** **Advanced biofuels and chemicals via biomass gasification
and renewable power**
Rikard Gebart, Luleå University of Technology
- 12.00-13.00** **Lunch**
Restaurant Airisto

- 13.00-13.30** **Experience of large recovery boilers**
Afonso Pereira, Brazilian Recovery Boiler Safety Committee
ABTCP-CSCRB
- 13.30-14.00** **Interaction between molten smelt and green liquor in
recovery boiler dissolving tanks – Practical implications**
Honghi Tran, University of Toronto
- 14.00-14.30** **Sootblower safety & Upgrade Guideline**
Danny S. Tandra, Clyde Bergemann Power Group Americas, Inc.
- 14.30-15.00** **Coffee Break + Exhibition**
Kristallisali
- 15.00-15.30** **Recovery boiler technology trends in past and in future**
Kari Haaga, Valmet Technologies Oy
- 15.30-16.00** **Development of kraft recovery boilers – from recovery of
chemicals towards a power boiler fired with black liquor**
Keijo Salmenoja, ANDRITZ Oy
- 16.00-17.00** **Reports from around the world**
Report from Swedish-Norwegian Recovery Boiler Committee
Report from Brazilian Recovery Boiler Safety Committee
Report from American Forest & Paper Association (AF&PA)
Report from Finnish Recovery Boiler Committee
- 19.00** **FRBC 55th Anniversary Dinner
at Radisson Blu Marina Palace Hotel**

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FRIDAY, JUNE 7

- 12.00** **Hotel check-out**
- 12.00** **Bus transportation to Helsinki**
- 14.00** **Estimated arrival time to Helsinki-Vantaa Airport**
- 14.30** **Estimated arrival time to Helsinki City Centre**

SOCIAL PROGRAMME

Wednesday June 5, time: 19.00-22.00

Get Together cruise

M/S Lily, Läntinen Rantakatu, Turku

Walking distance from hotel 600 m.



Thursday, June 6, time: 19.00-23.30

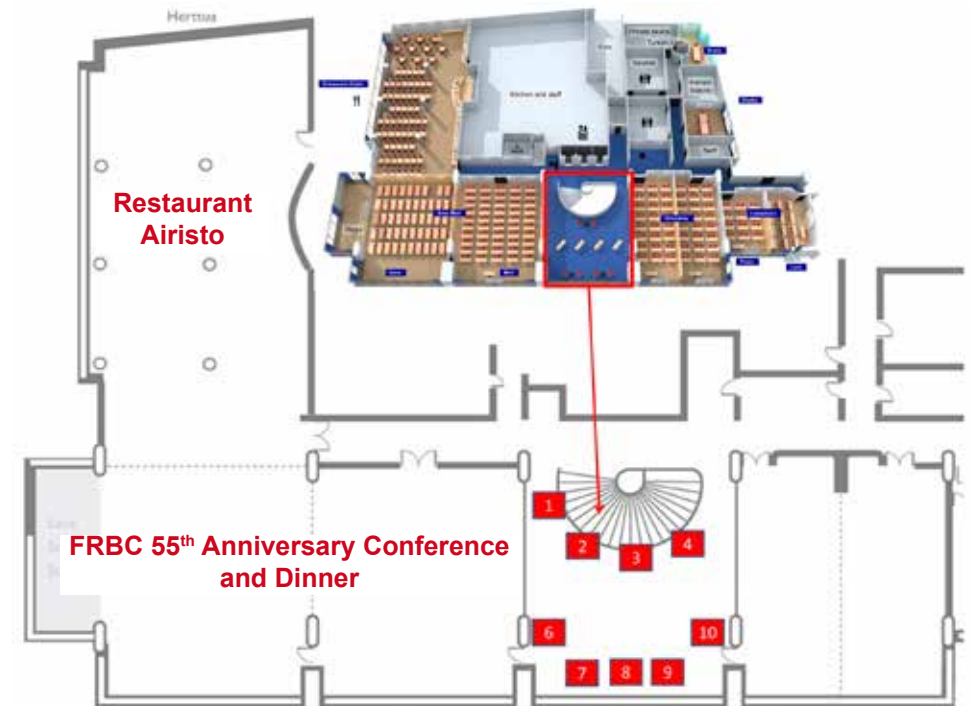
FRBC 55th Anniversary Dinner at Radisson Blu Marina Palace Hotel

EXHIBITION

During the 55th Anniversary International Recovery Boiler Conference on Thursday 6, 2019, there is also an exhibition in Kristallisali.

Exhibitors:

- 1 ProBoreal Oy
- 2 KL-Lämpö Oy
- 3 ANDRITZ Oy
- 4 Valmet Technologies Oy
- 6 Sintrol Oy
- 7 Solenis Finland Oy
- 8 ÅF Pöyry
- 9 Nalco Finland Oy
- 10 Mirion Technologies (IST) Limited



HOTEL AND TRAVEL INFORMATION

Turku, located about 170 from Helsinki, can be easily reached by car, train or bus within two hours from Helsinki or Helsinki-Vantaa airport.

In addition, there is an international airport (located 9 kilometers from Radisson Blu Marina Palace Hotel) and passenger ferry harbour (located 2 kilometers from Radisson Blu Marina Palace Hotel) in Turku.



Radisson Blu Marina Palace Hotel (1)

Linnankatu 32
FIN-20100 Turku, Finland

Railway Station (2)

15-minute walk from Radisson Blu Marina Palace Hotel

Bus Station (3)

15-minute walk from Radisson Blu Marina Palace Hotel

Get Together cruise departure (4)

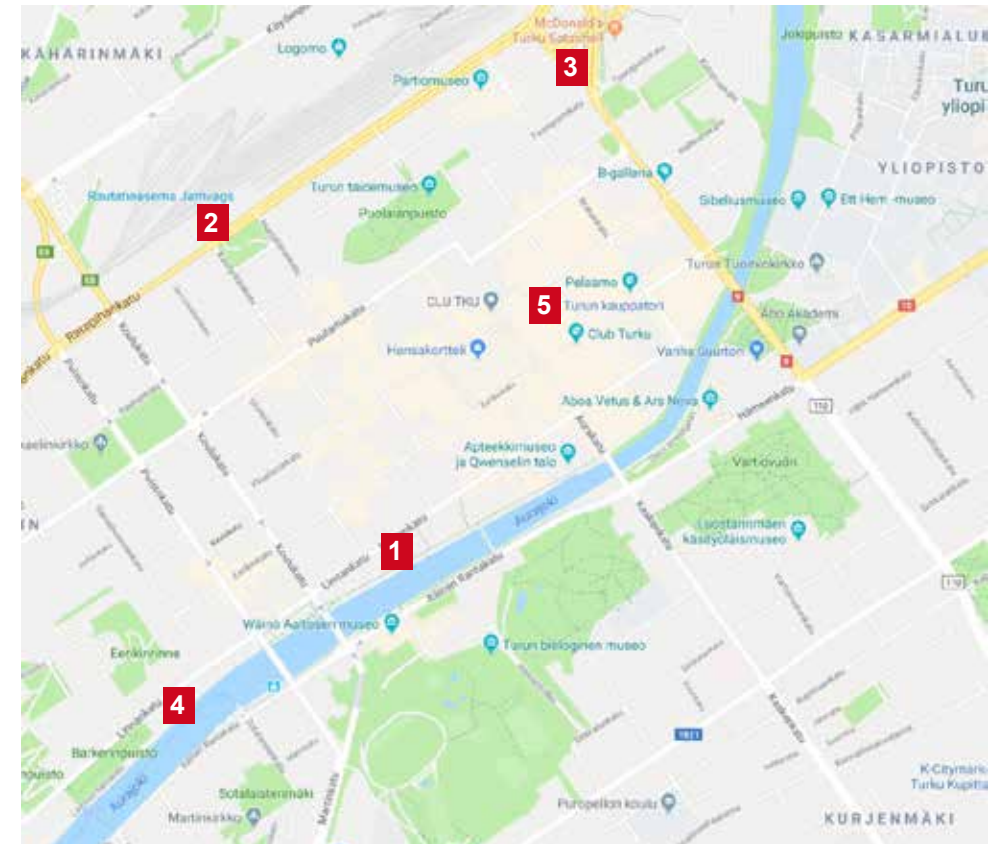
M/S Lily, Läntinen Rantakatu

Turku Market Square (5)

Visit Turku, Tourist Information

Aurakatu 2, 20100 Turku
Tel. +358 2 262 7444
info@visitturku.fi
www.visitturku.fi

TURKU MAP





MIRION
TECHNOLOGIES