

IEEE 802.1 Interim Meeting

May 23-26, 2016 Budapest, HUNGARY



1 Meeting Dates

Monday, May 23rd – Thursday, May 26th, 2016

2 Location

Budapest, Hungary

3 Venue

Hilton Buda Castle = Hilton Budapest

Address: Hess András tér 1-3, Budapest, H-1014, Hungary (https://goo.gl/maps/d0xZV)

Tel: +36-1-889-6600 *Fax*: +36-1-889-6644

E-mail: bmc.budhi@hilton.com

Website: http://www3.hilton.com/en/hotels/hungary/hilton-budapest-BUDHITW/index.html



4 Meeting agenda

4.1 Time-Sensitive Networking (TSN) Task Group (TG)

The TSN TG meets each day from 8:00 to 18:00 in Corvina 1&2, except for Tuesday, when TSN starts at 10:30.

Detailed TSN agenda can be found at http://www.802tsn.org/agenda.

The P802.1CM TSN for Fronthaul session is on May 26 Thursday morning.

4.2 Security TG

The Security TG meets each day from 9:00 to 17:00 in Gizella.

Agenda items:

- 1. P802.1AEcg D1.1 (Ethernet Data Encryption Devices) WG ballot resolution
- 2. P802.1ARce (Secure Device Identity: SHA-384 and P-384 Elliptic Curve)
- 3. P802.1Xck (Port-Based Network Access Control: YANG Data Model)
- 4. P802E Including discussion of potential PII exposed by 802.1 protocols
- 5. Wifi Community extender over wired use case (Philippe Klein)
- 6. A.O.B
- 7. Future meeting/teleconference planning

(http://www.ieee802.org/1/private/email2/msg24386.html)

4.3 Data Center Bridging (DCB) TG

The DCB TG meets on Monday from 9:00 to 17:00 in Corvina 3.

Agenda items:

- 802c Task Group ballot comment resolution
- 802.1CQ proposals
- 802.1Qcn draft update and discussion

4.4 Maintenance TG

The Maintenance TG meets on Tuesday from 8:00 to 10:00 in Corvina 1&2.

4.5 OmniRAN TG

The OmniRAN TG meets from Tuesday to Thursday from 13:30 to 18:00 in Corvina 3, each day.

Agenda items:

- Review of minutes
- Reports
- Revised and new P802.1CF contributions
 - Network reference model amendments
 - o Deployment models
 - Functional design and decomposition
 - o Backhaul representation
 - o SDN
- Review of 802.1CF-D0.0 editor's draft
 - o Comment resolution and plan for next revision
- Project planning
- Contributions to 5G SC
- Status report to IEEE 802 WGs
- AOB

4.6 IEEE 802 EC 5G SC

The IEEE 802 EC 5G SC meets on Thursday from 8:00 to 12:30 in Corvina 3.

4.7 Registration

Monday and Thursday: from 7:30.

Tuesday and Wednesday: from 7:50.

4.8 Breaks

10:00 – 10:30: Coffee break

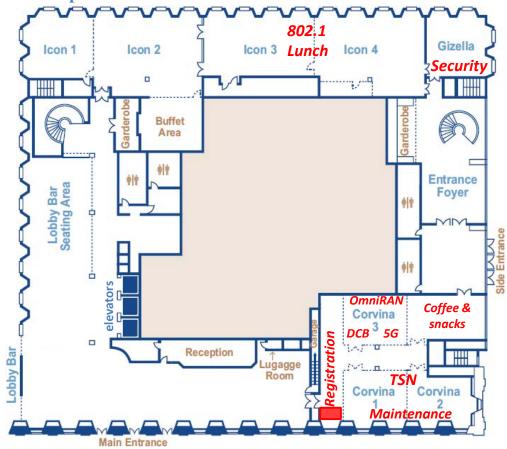
12:30 – 13:30: Lunch break

15:30 - 16:00: Coffee break

4.9 Room allocation

	Monday	Tuesday	Wednesday	Thursday		
TSN	Corvina 1&2	Corvina 1&2	Corvina 1&2	Corvina 1&2		
Security	Gizella	Gizella	Gizella	Gizella		
DCB	Corvina 3					
Maintenance		Corvina 1&2				
OmniRAN		Corvina 3	Corvina 3	Corvina 3		
802 EC 5G SC			Corvina 3			
Coffee breaks	Corvina 4					
Lunch	Icon 3&4					

4.10 Floor plan



5 WiFi

SSID: ERICCSON

Password: Eric2016

6 Registration Fees and Deadlines

Early registration: BEFORE 23:59 Central European Summer Time (CEST), Monday, April 4, 2016

- EUR 404 for attendees staying at the meeting hotel
- EUR 584 for attendees not staying at the meeting hotel
- EUR 404 for local attendees

Standard registration: AFTER 23:59 CEST, Monday, April 4, 2016 and before 23:59 CEST, Monday, May 16, 2016

- EUR 584 for attendees staying at the meeting hotel
- EUR 764 for attendees not staying at the meeting hotel
- EUR 584 for local attendees

Late/on-site registration: AFTER 23:59 CEST, Monday, May 16, 2016

- EUR 674 for attendees staying at the meeting hotel
- EUR 854 for attendees not staying at the meeting hotel
- EUR 674 for local attendees

Registration fee includes lunch, morning and afternoon refreshments, meeting room fee, network and Internet services, AV equipment, power hook-ups in the meeting rooms, and meeting services and supplies.

Registration fee includes VAT.

Event Information and Registration Website: http://cwt.icnetworkhu.com/en/ieee-802-1-interim-meeting

7 Registration Policy

Any individual who attends any part of a meeting that is a scheduled part of the IEEE 802.1 May 2016 Interim Session must register for the full session and pay the required fees.

The combined hotel room stays of attendees are used to offset the cost of the meeting. For this reason, non-local attendees who will not be staying at the meeting venue (Hotel Hilton Buda Castle) at least 3 nights during the dates of the IEEE 802.1 block have to pay an extra EUR 180 registration fee.

Please note: Attendees who elect to share accommodations must ensure that all members of the rooming party are listed on the hotel register before arrival or upon check-in at the hotel so that the hotel can verify their hotel stay.

The correct registration fee must be paid prior to receiving your badge, which permits entrance to scheduled meetings.

Registration is available through a secure website and requires a valid credit card for the payment of the registration fee; checks are NOT accepted for registration.

If you are not able to register for the session via the web for technical reasons, you must notify the Meeting Organizer prior to the cut-off date, to receive the corresponding registration fee.

Meeting registrations are not transferable to another individual or to another meeting.

8 Cancellation and Refund Policy

If you register for the IEEE 802.1 May 2016 Interim Meeting and then are unable to attend, you must request cancellation of your registration before the cancellation deadline to be eligible for a refund of all or part of the fees paid.

Cancellation requests must be made by submitting an e-mail request to: zoltan.horvath@cwt-me.com.

8.1 Cancellation Deadlines

- Full Refund: Before 23:59 CEST, Monday, April 4, 2016
- Partial Refund (EUR 135 Cancellation Fee Applies): After 23:59 CEST, Monday, April 4, 2016 and before 23:59 CEST, Monday, May 16, 2016
- **No Refund**: After 23:59 CEST, Monday, May 16, 2016

9 IEEE 802.1 Interim Meeting Group Hotel Rates

Hilton Buda Castle = Hilton Budapest

Address: Hess András tér 1-3, Budapest, H-1014, Hungary (https://goo.gl/maps/d0xZV) *Reservation*: http://www.hilton.com/en/hi/groups/personalized/B/BUDHITW-GERIC-20160522/index.jhtml?WT.mc_id=POG

Check-in: 2:00 pm Check-out: 12:00 pm

Discounted room rate is offered at the Hilton Buda Castle Hotel until 23:59 CEST, Monday, April 4, 2016, based on availability within the room block. The IEEE 802.1 block dates are May 22 through May 27. The group rate is extended beyond the room block dates from May 20 to May 30, if rooms are available.

Hotel Room Reservations Cut-off Date Deadline¹: Monday, April 4th, 2016 – 23:59 CEST

9.1 Room Rates

Room rates include TAX, Breakfast, and Internet access.

Guest Room

Single use: EUR 173Double use: EUR 193

¹ The special Group Rates are subject to the availability of rooms in the IEEE 802.1 Meeting Group Room Block. If the block is sold out before the deadline date, April 4^{th} , 2016 - 23:59 CEST, the rate may no longer be available

Danube View

Single use: EUR 193Double use: EUR 213

9.2 Hotel Cancellation Policy

In case of cancellation after 22 April, 2016, 1 night is charged as a cancellation fee. In case of cancellation within 3 days prior to the start of the event, 100% cancellation fee is applicable for the whole duration of stay.

10 Visa Information

Citizens of certain countries and territories need a visa to visit or transit Hungary.

Please visit the following Government of Hungary webpage to determine if you require a VISA: http://konzuliszolgalat.kormany.hu/en.

10.1 Obtaining an Invitation Letter for Use in Visa Applications

Ericsson Telecommunications Hungary can provide you with a letter inviting you to attend the IEEE 802.1 May 2016 Interim meeting. These letters have the Ericsson logo at the top, are properly signed by a representative from Ericsson Telecommunications Hungary, and should be printable on any common personal computer printer. The visa letter will be sent as an attachment in an email to your e-mail address in Acrobat PDF format. You must register for the upcoming session in order to obtain an Invitation Letter.

If you need an Invitation Letter, then please contact the Host: <u>janos.farkas@ericsson.com</u> and provide the following additional information that is necessary for your Invitation Letter:

- First name:
- Family Name:
- Gender:
- Citizenship:
- Nationality:
- Date of birth:
- Place of birth:
- Passport No:
- Date of issue:
- Date of expiry:
- Mother's maiden name:
- Residential address:
- Company:

11 Entering Hungary – Identification Requirements

Please visit the following Government of Hungary webpage to determine the identification requirements: http://konzuliszolgalat.kormany.hu/visa-waiver-agreements.

12 Travel Information

12.1 Budapest International Airport (BUD) – Ferenc Liszt Airport

The Budapest International Airport (BUD) is open 24 hours a day 7 days a week and supports a number of regional and international carriers. For further information about the airport please explore the website: http://www.bud.hu/english.

There are ATMs at the carousels at the baggage claim and at the arrival level in the landside waiting hall in both Terminal 2A and Terminal 2B:

http://www.bud.hu/english/passengers/shopping_and_gastronomy/services/atm-8166.html.

Note that the restrooms in the area of the carousels were under construction mid-April and still may be. You may leverage facilities before getting to the carousel area, whose entrance is four automatic glass doors with metal frames with green arrows above indicating if you can pass through. There are restrooms next to these doors before they pass them. You may also use facilities after having your checked baggage reclaimed and passing through customs.

12.2 Getting to the Hilton Buda Castle Hotel from the Airport

Please use one of the official passenger transportation partners of Budapest Airport, i.e., either the officially appointed taxi company to service the airport (Főtaxi) or the official shared shuttle (MiniBUD). Strips on the floor lead to the booth of the official transportation companies from the carousels at the baggage claim.

As in all major cities, use caution and avoid taking a ride with strangers offering transfer to the city; DO NOT accept any 'special offer'.

12.2.1 Taxi: Főtaxi

Főtaxi is the official taxi partner of Budapest Airport. From the carousels at the baggage claim, follow the strips with the sign "Főtaxi", which lead you to the booth of Főtaxi on the left hand side after exiting of the airport terminal building through the revolving door. One has to order a taxi and give the destination address at the booth; and then get the appointed taxi waiting at the stand. Payment is to the driver at the destination (not at the booth). All cars are equipped with a POS terminal, they accept credit cards.

http://www.bud.hu/english/passengers/access_and_parking/by_taxi

http://fotaxi.hu/?Language=en#main-menu

Further taxi information is provided in section 15.10.

12.2.2 Shuttle: MiniBUD – Airport Minibus

MiniBUD is the official shuttle bus partner of Budapest Airport. MiniBUD provides a door-to-door shared ride from the airport to the city. Upon arrival, follow the strips to the booth of MiniBUD from the carousels at the baggage claim.

https://www.minibud.hu/en

http://www.bud.hu/english/passengers/access_and_parking/by_airportshuttle

13 Social Event – May 25 Wednesday

A dinner in the Kossuth Museum Boat (http://www.paddlesteamers.info/Kossuth.htm) anchored at the Chain Bridge on Pest side. The name of the restaurant is Old Boat = Vén Hajó: http://www.venhajo-etterem.com.

Bus transportation between Hilton and the social venue will be provided.

18:45: gathering in Hilton lobby

18:45: boarding the bus

19:30: dinner

21:30: "open bar" closes

21:45: boarding the bus at the Chain Bridge

Bring your badge and social ticket please.

13.1 Buffet menu

13.1.1 Cold finger food

- sausage and salami selection (contains pork, pepper, capsaicin)
- goose greaves (contains lupine)
- beefsteak tartar (contains egg, pepper, capsaicin)
- a trio of goose livers (contains dairy, lactose)
- marinated salmon (contains sulfur, sulfites)
- eggplant cream (contains egg, pepper)

recommended wine: Pinot Grigio, Tokaji Furmint

13.1.2 Salad bar

recommended wine: Pinot Grigio

13.1.3 Soups

- 1. Chicken broth Újházy style (contains celery, pepper)
- 2. **Potato cream soup with celery chips** (contains dairy, lactose, celery)

13.1.4 Main dishes

1. Chicken breast in paprika sauce (contains dairy, lactose, capsaicin) with boletus-mushrooms and dumplings (dumplings contain gluten, egg)

recommended wine: Szekszárdi Bikavér, Egri Paptag Cuvée

2. **Hungarian beef tenderloin stew** (contains dairy, lactose, pepper, capsaicin) **with rice and roasted potatoes**

recommended wine: Egri Paptag Cuvée

- 3. **Beef goulash** (contains pepper, capsaicin) **with noodles** (noodles contain gluten, egg) *recommended wine: Szekszárdi Bikavér, Egri Paptag Cuvée*
- 4. **Fish variations with grilled vegetable skewers** (contains pepper)

recommended wine: : Pinot Grigio

5. **Mushroom stew** (contains dairy, lactose) **with fusilli pasta** (contains gluten, egg) *recommended wine: 364 Rose Cuvée*

13.1.5 Fruit plate

13.1.6 Dessert variations "Vén Hajó" style

- Gundel pancake (contains gluten, egg, dairy, lactose, nuts, almonds)
- Curd cheese cake Rákóczi style (contains gluten, egg, dairy, lactose)
- Floating islands with chestnuts (contains egg, dairy, lactose, nuts, almonds)

served with Tokaji Aszú dessert wine

13.1.7 Wines

The suggested order of tasting:

- 1. Pinot Grigio 2015, Bárdos Pincészet, Mátra
- 2. Tokaji Furmint Grand Selection 2013, Tokaji Pincészet, Tokaj
- 3. 364 Rose Cuvée 2015, Kiss Gábor, Villány
- 4. Szekszárdi Bikavér 2009, Vesztergombi Pincészet, Szekszárd
- 5. Egri Paptag Cuvée Superior 2011, Juhász Pincészet, Eger

(http://www.hungarianwinesociety.co.uk/wp-content/uploads/2010/11/Wine-regions.png, more in 17.2)

13.1.8 Further drinks:

- Hungarian draft beer
- Soft drinks (coca cola, coca cola light, kinley ginger, kinley tonic, fanta, 7up)
- Soft drinks (orange juice, apple juice, pineapple juice, peach juice, ice tea, ice tea peach-lemon)
- Szenkirályi mineral water
- Coffee, tea

14 Budapest Sightseeing Walking Tour

We will have a guided walk led by colleagues from Ericsson: Györgyi Bakó and Judit Kristóf.

Date: 22nd May, 3pm

Duration: 1.5 - 2 hours

Distance: ~ 2 km

Meeting point: Hilton Budapest – lobby

Route: We start from the hotel, pass the Matthias Church, walk down from the Castle Hill, cross the Chain Bridge, stop at the St. Stephen's Basilica and finish at the Budapest Opera House. The walk down from the castle includes a number of stairs. Comfortable shoes are recommended.

The tour is free of charge.

If you plan to join, then please indicate it at http://doodle.com/poll/id9dyd8x3z8punat.

The tour may be cancelled if weather does not permit it. If it is anticipated in advance, then a note will be sent to the 802.1 mailing list.

15 Other Information

15.1 Currency

HUF: Hungarian Forint is the official currency in Hungary.

Coins: 5, 10, 20, 50, 100, 200

Bank notes: 500, 1.000, 2.000, 5.000, 10.000, 20.000 (You can check the recent banknote series here: https://en.wikipedia.org/wiki/Banknotes of the Hungarian forint#Recent series.)

Some hotels and other merchants accept Euros.

It is easy to exchange currency in Budapest at the various currency exchange bureaus, hotels, banks, and post offices. Most businesses accept major debit and credit cards as a form of payment. You can also get forints from an ATM.

DO NOT change money on the street! It is against the law. Only change money in an official currency exchange bureau, a bank, or at your hotel.

15.2 ATM

Automated Teller Machines (ATMs) are located in banks and in various other locations throughout the city. They are usually available during and outside of regular banking hours. The first ATM is at the carousels at the baggage claim. There are ATMs at arrival level in the landside waiting hall in both Terminal 2A and Terminal 2B: http://www.bud.hu/english/passengers/shopping_and_gastronomy/services/atm-8166.html.

15.3 Electricity

The standard voltage is 230 V. The standard frequency is 50 Hz. The power sockets that are used are of type F, which socket also works with plug C and E.



15.4 Telephone

The country code of Hungary is 36.

The area code of Budapest is 1. All other area codes are 2-digit, e.g. that of the major mobile operators: 30, 20, and 70.

When dialing a Hungarian number from Hungary you may use 06 – area code – 7-digit or 6-digit phone number, e.g., 06-1-889-6600 for Hilton Buda Castle.

15.4.1 Useful Telephone Numbers

- Ambulance: 104
 - o 24-hour medical assistance in English (Falck SOS Hungary): 06-1-2400-475
 - 24- hour pharmacy nearby: Déli Gyógyszertár 1123 Budapest Alkotás u. 1/b. Tel: (1) 355 4727,
 (1) 355 4691 near Déli Railway station

- Police 107
 - o Tourist Police English-language hot-line (0-24): 06-1-438-8080
- Fire service: 105
- Central help number: 112
- More at http://www.budapest.com/travel/tourist_information/useful_phone_numbers.en.html

15.4.2 Mobile Coverage

15.4.2.1 Telekom

- 900/1800MHz GSM (GPRS, EDGE)
- 2100 MHz UMTS, HSDPA, HSUPA, HSPA+, DC-HSPA+
- 800/1800/2600 MHz LTE
- (original area code: 30)

15.4.2.2 Telenor

- 900/1800MHz GSM (GPRS, EDGE)
- 900/2100 MHz UMTS, HSDPA, HSUPA, HSPA+, DC-HSPA+
- 800/1800 MHz LTE
- (original area code: 20)

15.4.2.3 Vodafone

- 900/1800MHz GSM (GPRS, EDGE)
- 900/2100 MHz UMTS, HSDPA, HSUPA, HSPA+, DC-HSPA+
- 800/2600 MHz LTE
- (original area code: 70)

15.5 Time Zone

Hungary is located in the Central European Time (CET) zone, also known as European Central Time (ECT). Due to the daylight saving, it is summer time from April, i.e., it is Central European Summer Time (CEST) (UTC +2:00) for the reservation cut-off dates and during the May IEEE 802.1 Interim.

15.6 Language

Hungarian is the official language of Hungary. English or German is often spoken in touristic places.

A couple of useful words:

- exit: kijárat
- entrance: bejárat
- pull: húzni
- push: tolni
- toilet: mosdó, WC
- woman: *nő*
- man: férfi
- tram: villamos
- bridge: híd
- street: út, utca

• boulevard: *körút (krt.)*

• square: tér

Further ones can be found, e.g., at:

http://www.omniglot.com/language/phrases/hungarian.php

15.7 Taxes

For up-to-date tax information, visit the website of the National Tax and Customs Administration of Hungary (NTCA) at:

http://en.nav.gov.hu/taxation

http://en.nav.gov.hu/taxation/inromation_leaflets

An informational page: http://www.budapest.com/travel/tourist_information/custom_and_vat_rules.en.html.

15.8 Weather

Budapest has a temperate continental climate with four seasons, warm summers and no dry season.

The month of May is characterized by rising daily high temperatures, with daily highs increasing from 19°C to 23°C over the course of the month, exceeding 29°C or dropping below 13°C only one day in ten. On the other hand, it may rain as May is one of the wettest months.

	Temperature [°C]			Precipitation	Sunshine
	Min	Medium	Max	[mm]	[hours]
May	12.1	16.6	21.9	62	234

More details:

http://www.met.hu/en/eghajlat/magyarorszag_eghajlata/altalanos_eghajlati_jellemzes/altalanos_leiras/.

15.9 Public Transportation

Most of Budapest's city center and historic districts are suitable for walking. There are pedestrian precincts in downtown Pest and traffic is restricted in the Castle Hill, so walking is probably the best way to get around. However, Budapest also has an excellent public transportation system: subways (metro) trams, trolley buses, buses, boats, and HÉV trains (suburban railway), which are operated by the Budapest Közlekedési Központ (BKK). Please explore their website for further information:

http://www.bkk.hu/en/maps/

http://www.bkk.hu/en/tickets-and-passes/

http://www.budapest.com/travel/getting_around/public_transport.en.html

When using public transportation, follow the passenger information notices, which are usually printed in English at the stops and on the vehicles. Validate your ticket in one of the orange boxes before starting your journey (before you get to the platform if travelling by Metro; and immediately after boarding buses, trams or trolley buses). Keep your ticket until the end of your journey and show it to inspectors on request. You have to validate another ticket every time you change lines.

15.9.1.1 Trip planner:

• http://futar.bkk.hu/?map=13/47.501/19.053&layers=SVB

15.9.1.1.1 Mobile App:

- https://play.google.com/store/apps/details?id=hu.webvalto.bkkfutar
- https://itunes.apple.com/us/app/bkk-futar/id916193835?l=hu&ls=1&mt=8
- https://www.microsoft.com/en-us/store/apps/bkk-futar/9wzdncrdm4h6

15.10 Taxi

It is better to phone for a taxi from a reputable local company instead of hailing one in the street. When called, they are cheaper and there is no chance that you will pick up a 'private taxi' who may charge outrageous fares.

Cabs in Budapest are marked with the word "Taxi", often accompanied by a company name / logo such as "City Taxi". All taxi vehicles must be yellow and must have a yellow registration plate (as opposed to the white background on regular car plates). All taximeters are equipped with a receipt-printing function, displaying the fares charged and identification of the driver.

Ericsson is in contract with Budapest Taxi: http://budapesttaxi.hu/en. There is no discount price as the prices are regulated by law. When calling, tell them that you are a guest of Ericsson. Their phone number is 777-7777, which works with the area code of Budapest and the area codes of the mobile operators, e.g. +36-1-777-7777 or +36-30-777-7777.

Further information, e.g., on prices and on other taxi companies is available at: http://www.budapest.com/travel/getting_around/taxi.en.html.

15.11 Safety

Public safety is said to be good in Budapest on an international average. Nonetheless, you should follow the basic rules just like in any other big city, see e.g., http://thesavvybackpacker.com/scams-safety-health-europe/.

Some tips to Budapest: http://www.budapest.com/travel/in_emergency.en.html.

Further, do not let seemingly helpful taxi drivers or (seemingly) local women lure you to an establishment they recommend. They often receive a commission to recommend certain bars, clubs and restaurants to passengers; and your bill may be overpriced.

15.12 Smoking

In Hungary, smoking is banned in all enclosed spaces, including offices, restaurants and pubs, as well as on public transportation, in playgrounds, and in underpasses.

15.13 Tipping

For good service at a restaurant, a tip of 10% (or more) of the total bill (which includes VAT) is customary. Some restaurants add a service charge to the bill, especially in large groups, in which case further tipping is not expected. Tipping is also customary in bars, salons, and taxis.

16 Tourism Information

A lot of information is provided on various sites, e.g., http://www.budapest.com/, http://www.budapest.com/, or http://gotohungary.com. Some samples are collected here and at http://www.ieee802.org/1/files/public/docs2016/admin-Budapest-ITU-info-0116.pdf.

16.1 UNESCO Sites

In addition to Buda Castle, where the meeting is located, there are a number of UNESCO sites in the city: http://www.budapest.com/city_guide/attractions/world_heritage_sites.en.html, http://welovebudapest.com/budapest.and.hungary/budapest.s.sites.on.the.unesco.world.heritage.list.

For instance, one of the most beautiful parliament buildings of the world is worth a closer look or even a visit: http://latogatokozpont.parlament.hu/en.

There are more than 230 monuments in the city; there are a lot to see in addition to the UNESCO sites.

16.2 Museums

Museum lovers can also enjoy their visit, as the city and its immediate surroundings host more than 200 museums, see e.g.: http://visitbudapest.travel/arts-entertainment/budapest-museums/.

The Castle hosts some museums, e.g.:

National Gallery: http://www.mng.hu/en,

National Széchenyi Library: http://www.oszk.hu/en/permanent_exhibitions,

Telephony Museum: http://www.postamuzeum.hu/en/,

Military: http://www.budapest.com/city_guide/culture/museums/museum_of_military_history.en.html.

16.3 Music

Hungary has some important contributions to the field of classical music. Ferenc Liszt is probably the greatest of all Hungarian composers: a piano virtuoso (his contemporaries lauded him as the greatest pianist of all time) as well as a composer, inspiring forward looking contemporaries and even anticipating some ideas and trends that would only come in the 20th century. The beginning of the 20th century brought about two other exceptional characters: Béla Bartók and Zoltán Kodály both set out to collect Hungarian folk songs all over the Carpathian Basin and incorporate them into their music. Hungarian folk songs and dance are characteristic (http://hungarianfolk.com/). Like the ancient language, Hungarian folk music has maintained its basic structure through more than a thousand years of statehood in Central Europe. Kodály has also developed a world-renowned teaching method: http://www.musicstaff.com/teaching-methods-kodaly-method. Hungary has also produced Károly Goldmark, Ernő Dohnányi, and a number of internationally renowned conductors, pianists and violinists; a great one of our times is Félix Lajkó (http://www.lajkofelix.hu/en). We can also mention composer Miklós Rózsa, who won three Oscar Awards, e.g., one for the music of Ben Hur.

Opera has been also important in Budapest. There have been Hungarian opera singers among the best in the world, e.g., Éva Marton, Erika Miklósa, and Andrea Rost of recent times. The Budapest Opera House is one of the most beautiful neo-renaissance buildings in Europe, and it is considered to be amongst the best opera houses in the world in terms of its acoustics. Opera programme and tickets:

http://www.opera.hu/programme#?y=2016&m=5&helyszin=mind&mufaj=mind, https://www.jegymester.hu/eng/PlaceInfo/100/.

Ferenc Liszt Music Academy programme and tickets: http://zeneakademia.hu/en/all-programs.

Palace of Arts (Müpa) https://www.mupa.hu/en/events/calendar/05/2016.

A concert at Matthias Church: https://www.jegy.hu/program/felejthetetlen-komolyzenei-koncertelmeny-a-matyas-templomban-48881/316432?lang=en (https://www.jegy.hu/program/felejthetetlen-komolyzenei-koncertelmeny-a-matyas-templomban-48881/316432?lang=en (https://www.matyas-templom.hu/MUSIC_EVENTS.html).

Further tickets at e.g.: https://www.jegymester.hu/eng/zene/Orchestra.

16.4 Escape Room

You may consider trying one of the recent Hungarian inventions, an escape room, e.g.: http://www.bezarlak.hu/en/szobaink/vegas.

_escape_room_budapest.en.html, http://www.bezarlak.hu/en/szobaink/vegas.

16.5 Hike in the City

One can hike within the city, in the Buda Hills. Various paths can be taken on the well signed trails. It is easy to get there and back with public transport. A great spot is János Hill with the Elizabeth lookout for this view: https://goo.gl/maps/1qpjtk1iwez.

(http://welovebudapest.com/budapest.and.hungary/sights.1/janos.hill.elizabeth.lookout.tower)

The top of Gellért Hill is an easy hike (or taxi ride e.g. at night) for this view: https://commons.wikimedia.org/wiki/File%3ABudapest_from_Gellert_Hill_MC.jpg.

16.6 Spas

Budapest can be also referred to as the "City of Spas" because it has more thermal and medicinal water springs than any other capital city in the world.

(http://www.budapest.com/recreation_wellness/budapest_thermal_baths.en.html)

One may relax in a spa listed among the most beautiful ones of the world, e.g.:

- http://www.gellertbath.hu/ (www.eleconomista.es/evasion/tendencias/noticias/5441538/01/14/Lascinco-piscinas-mas-impresionantes-del-mundo.html)
- http://en.rudasfurdo.hu/ (<a href="http://en.rudasfurdo
- http://www.szechenyibath.hu/

16.7 Near Budapest

Budapest's surroundings also offer lots of attractions. Right to the north of Budapest you'll find some exciting holiday spots starting with the charming Szentendre (http://www.hungary-tourist-guide.com/szentendre.html, http://www.hungary-tourist-guide.com/szentendre.html, http://www.skanzen.html, and artistic atmosphere; and a great open air ethnographic museum: http://www.skanzen.hu/en.

The Visegrád Hill towers above the Danube bend providing a breathtaking view. Once having been a royal seat, Visegrád (http://www.hungary-tourist-guide.com/visegrad.html) is rich in historical and cultural sights: the former Royal palace, Solomon's tower. You can explore the natural beauties of the hill on meandering hiking tracks.

The imposing Basilica is the most famous attraction of Esztergom (http://www.hungary-tourist-guide.com/esztergom.html), a city on the Danube bank some 25 km from Szentendre.

There are scenic hikes in the Pilis Mountains, e.g., around Dobogókő (Pulsating/Beating Stone), which considered the hearth chakra of the Earth, e.g. by the Dalai Lama

(https://www.facebook.com/media/set/?set=a.471310312896415.119084.108146725879444&type=3).

17 Food and Drink

17.1 Hungarian Cuisine

The traditional Hungarian dishes abound in piquant flavors and aromas. Dishes are flavorful and spicy. Flavors of Hungarian dishes are based on centuries old traditions in spicing and preparation methods. The exquisite ingredients are produced by local agriculture and husbandry. The fertile Hungarian plain and the favorable climate provide excellent conditions for growing tasty vegetables, fruits, and to raise domestic animals whose meat is savory. It is way much more than goulash. Hungarian cuisine provides great variety, which promises a lot of excitement for gastro-curious travelers. An example short list http://edition.cnn.com/2013/11/22/travel/hungarian-food, and a bit longer but still not complete list: http://www.buzzfeed.com/anitabadejo/hungarian-foods-the-world-should-know#.qre2Y3rw2. You can try some on the street or in a Michelin star restaurant.

The excellent fruits allow various kinds of use and processing, e.g., pálinka (http://gotohungary.com/palinka) and wine.

17.2 Hungarian Wine

Hungarian wineries are producing wines that are recognized at prestigious wine contests. The most successful wines are the classic varieties of cabernet sauvignon, cabernet franc and merlot along with the world-famous dessert wines of Tokaj (http://www.nytimes.com/2015/12/02/dining/tokaji-aszu-wine.html?r=5), which are referred to as Vinum Regum, Rex Vinorum (http://www.royal-tokaji.com/wine_of_kings.php). 22 wine regions are distinguished in the country altogether (http://www.hungarianwinesociety.co.uk/wp-content/uploads/2010/11/Wine-regions.png). You may consider sampling some wine, e.g. from the following lists:

http://www.abouthungarianwine.com/news/hungarian-success-at-the-vinalies-international-wine-contest/ http://www.abouthungarianwine.com/news/hungarian-results-of-the-the-challenge-international-du-vin-2015/

http://www.abouthungarianwine.com/news/eighteen-gold-medal-was-awarded-to-hungary-in-bordeaux/

One way to sample is visiting a wine bar, e.g., DiVino right next to St. Stephen's Basilica: http://welovebudapest.com/clubs.and.nightlife.1/bars.1/divino.

The closest wine store to the meeting venue is: http://www.bortarsasag.hu/en/wine_stores/lanchid.

It is suggested to prefer any other vintage to 2014.

17.3 Central Market

The biggest market hall of the city, the **Központi Vásárcsarnok** (Central Market or Great Market Hall), stands right next to the Pest-end of the Liberty bridge. This market hall is one of the biggest and most gorgeous ones in Europe (http://travel.cnn.com/europes-amazing-city-markets-354731), The building also has some architectural significance with Hungarian ornaments and neo-gothic touch. The metal roof structure is still the original, and the roof is covered with decorative tiles made by the world-renowned

Zsolnay porcelain manufacture. Nowadays, the market hall is a real tourist paradise, where you will more likely find fresh local delicacies, fruits, vegetables, wines, spirits, salamis and meat products (straight from the producers) than typical souvenirs. You can try local dishes as well, like lángos (http://welovebudapest.com/cafes.and.restaurants.1/get.the.dough.savor.budapest.s.best.langos, with cheese & sour cream is a classic one) in one of the buffets or restaurants on the upper storey.

17.4 Hungarian restaurants

A couple of restaurants are listed here where you may sample Hungarian cuisine. Note that reservation is recommended.

17.4.1 Michelin star

• **Borkonyha / Winekithcen** (Sas u. 3. V. ker., Tel: +36 1 266 0835)

http://www.borkonyha.hu/?lang=eng

https://goo.gl/maps/PGjeegwrau72

• Costes (Ráday u. 4., IX. ker., Tel: +36 1 2190696)

http://www.costes.hu/en

https://goo.gl/maps/iMK9odK8pdu

• Costes Downtown (Vigyázó Ferenc u. 5., V. ker., Tel: +36 1 920 1015)

http://costesdowntown.hu/en

https://goo.gl/maps/8FxdVm2mVMu

• **Onyx** (Vörösmarty tér 7-8., V. ker., Tel: +36 30 508-0622)

http://www.onyxrestaurant.hu/en

https://goo.gl/maps/gsz4J83XDcE2

• **Tanti** (Apor Vilmos tér 11-12., XII. ker.,)

http://www.tanti.hu/en/

https://goo.gl/maps/sVCqaQT16r82

17.4.2 In the Castle

• **Alabárdos** (Országház u. 2., I. ker., Tel: +36 1 356 08 51)

http://www.alabardos.hu/site.php

https://goo.gl/maps/uJov2yK82Ty

• **Pest-Buda** (Fortuna u. 3., I. ker., Tel: +36 1 225 0377)

http://www.pestbudabistro.hu

https://goo.gl/maps/tJtiJ3XzLtu

17.4.3 Danube bank

• Szegedi halászcsárda (Belgrád rakpart, V. ker., Tel: + 36 1 235 0865)

http://www.szegedihalaszcsarda.hu/menu/menu-en.pdf

https://goo.gl/maps/R4h2pvXkbmQ2

• Vén Hajó (Vigadó Square dock, pier 2, V. ker., Tel: +36 1 411 0942) – venue of the social

http://www.venhajo-etterem.com/

https://goo.gl/maps/asUMTJM7GkL2

17.4.4 Other parts of the city

• **100 éves étterem** (Piarista u. 2., V. ker., Tel: +36 1 230 0329)

http://www.100evesetterem.hu/eng/

https://goo.gl/maps/Ee3o1qJKs752

• **Bock Bisztró** (Erzsébet krt. 43-49., VII. ker., Tel: +36 1 321 03 40)

http://bockbisztropest.hu/en/

https://goo.gl/maps/QZyxnEErYUM2

• **Gundel** (Gundel Károly út 4., XIV. ker., Tel: +36 1 889 8100, +36 30 603 2480)

http://www.gundel.hu/en/

https://goo.gl/maps/w6QC9hvSVsS2

• **Halbisztró** (Jókai tér 6., VI. ker., Tel: +36 30 693 3997)

http://www.halbisztro.hu/index.php

https://goo.gl/maps/xYeDmP7wKG72

• **Kárpátia** (Ferenciek tere 7-8., V. ker., Tel: +36 1 317 3596)

http://www.karpatia.hu/en

https://goo.gl/maps/jKMdHHp9fY22

• **Korhely** (Liszt Ferenc tér 7., VI. ker., Tel: +36 1 321 0280)

http://www.korhelyfaloda.hu/

https://goo.gl/maps/23RKT4TwtGm

• **Menza** (Liszt Ferenc tér 2., VI. ker., Tel: +36 1 413 1482)

http://www.menzaetterem.hu/english.php

https://goo.gl/maps/vwL8BRVsgk92

• **Mátyás pince** (Március 15. tér 7., V. ker., Tel: +36 1 266-80-08)

http://eng.matyaspince.eu/

https://goo.gl/maps/nTKFWay1z472

• **Náncsi néni** (Ördögárok út 80., II. ker., Tel: +36 1 397 2742)

http://www.nancsineni.hu/eng/index2.html

https://goo.gl/maps/pykAKpY1JQU2

17.4.5 Vegetarian

• Napfényes étterem (Ferenciek tere 2., V. ker., Tel: +36 20 311 0313)

http://www.napfenyesetterem.hu/english

https://goo.gl/maps/1uhXtUYbiUk

17.5 Coffee Houses

There are a number of coffee houses (confectioneries) in the city. Visiting a millennium style coffee house and tasting the cakes can be part of the Budapest experience, e.g.:

• Auguszt Cukrászda (Kossuth Lajos u. 14-16, V. ker.)

http://www.auguszt.hu/en

https://goo.gl/maps/fgXwRWjz62E2

• Centrál Kávéház (Károlyi. u. 9, V. ker.)

http://www.centralkavehaz.hu/eng

https://goo.gl/maps/hFVQrVLazet

- Gerbeaud Kávéház (Vörösmarty tér 7-8, V. ker.)
 http://www.gerbeaud.hu/confectionery.html
 https://goo.gl/maps/BQ9W2mS2SYC2
- Művész Kávéház (Andrássy út 29, VI. ker.)
 https://goo.gl/maps/z3GWu5gpTdC2
- **Szamos Cukrászda** (Erzsébet krt. 43, VII. ker.) <u>http://www.szamosmarcipan.hu/en/shops/view/15/Royal+Caf%C3%A9,</u> https://goo.gl/maps/FDXJosQ2bkz

Looking forward to welcoming you to Budapest, Dr. János Farkas Meeting Host

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