NIX·SK

31ST FORUM GUIDE

euro-ix

HOST WELCOME - NIX.SK

From left to right: Petr, Ondra, Lída, Adam, Martin, Michal, Ester and Davi

NIX.SK is an independent peering node operated by the NIX.CZ Association since 2015. NIX.SK associates Slovak, and foreign Internet related businesses in order to mutually interconnect their networks. Access to the infrastructure of NIX.SK is enabled through three collocations in Bratislava.

Currently, NIX.SK is the only IXP in Slovakia, which enables connection into three geographically detached locations. NIX.SK encourages and facilitates the IPv6 protocol and was the first IXP to offer route server services in Slovakia. Consistent and meticulous planning, sophisticated technical solutions and a 24/7/365 technical support have led to a failure-free operation of the node.

NIX.SK is a subsidiary of NIX.CZ, a dynamic company, which actively participates in the development of the Internet. Through General Meetings, working groups and social events NIX.CZ enables its members and customers to meet, not as competitors but as allies, cooperating on the future of the association.

The NIX.SK will be happy to share some more information in person. Look for Martin, Adam, Lida, Peter or Ester. We look forward to welcoming you in Bratislava!

HI THERE!

Euro-IX provides a unique platform for IXPs to share information and discuss current topics and issues of interest. The members have access to a portal to help attract further participants, there are several databases of information that are relevant to IXPs, mailing lists for current discussions, regulatory reports, IXP reports, and the opportunity for all member IXPs to come together twice a year for face to face discussions at Euro-IX Forums. Euro-IX is the ideal place to allow inter-IXP relationships to flourish.

BIJAL SANGHANI
Secretariat General

REBECCA CLASS-PETER
Events & Operations Coordinator

In case of an emergency, contact Rebecca on +44 757 268 7511

COUNTLESS COFFEES!

84
MEMBERS

euro-ix

13
PATRONS

ANDY DAVIDSON
IXLeeds

ONDRE FILIP
NIX.CZ

KURTIS LINDQVIST
LINX

HARALD MICHL
VIX

JOHN SOUTER
LINX

MAURO MAGRASSI
MIX

KJETIL OTTER OLSEN
NIX

The Euro-IX Board is ultimately responsible for the organization and administration of the Association, ensuring that the organization reliably and satisfactorily performs accounting, auditing and other financial functions. The Euro-IX board is responsible for the approval of the Euro-IX annual budgets and to provide the strategic direction of the Association.

Read all the Board biographies here: https://euro-ix.net/about-euro-ix/euro-ix-board/

At the General Meeting, Harald Michl, John Souter and Andy Davidson will step down by rotation. Harald and Andy will seek re-election, however, John will not. Read the motivations of the nominees here: https://euro-ix.net/news-and-events/general-meeting/board-elections

We would like to thank John for his service and contribution on the Board and to Euro-IX!

USA & CANADA
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UK
3

EUROPE
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ASIA
9

ME
2

AFRICA
11

SA
2

AUSTRALIA
2
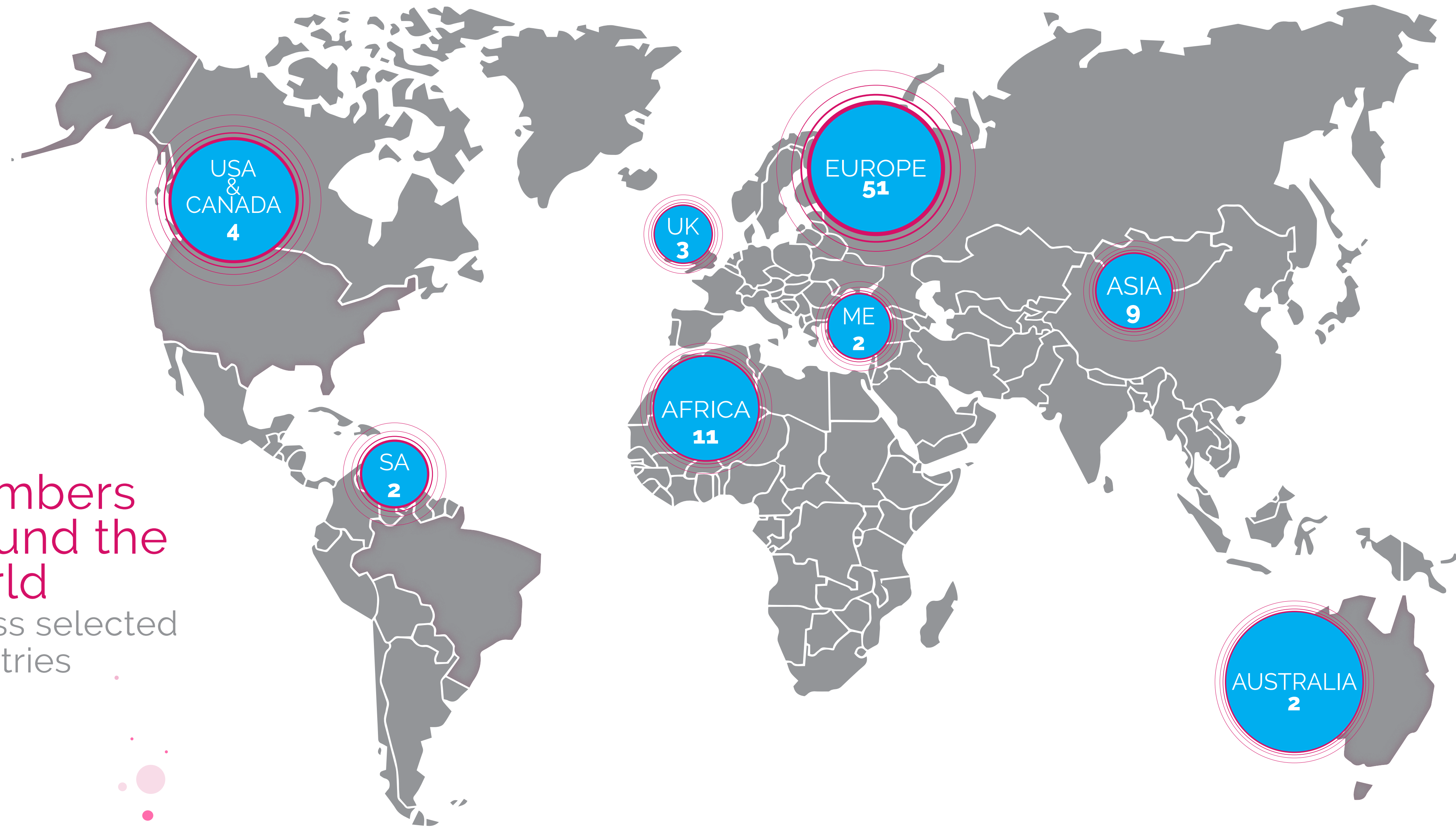
Members around the world
across selected countries

Association of Communication Operators of the Kyrgyz Republic

Aigerim Abakirova is an expert of the Association of Communication Operators of the Kyrgyz Republic. Her work in the Association of Communication Operators began in 2013. During her work, Aigerim took part in the development of sectoral legislation that significantly affected the telecommunications market entities, and also participated in the organization and implementation of projects related to the development of the national IXP. Her duties include legal and administrative support for the activities of the Association, interaction and representation and protection of the interests of the members of the Association with state bodies (industry regulator, state ministries, parliaments), partner organizations (industry associations and business associations, non-profit organizations), local and foreign Experts, and international organizations.

Association of legal entities "Association of communication operators", is a non-profit organization that unites on a voluntary basis and on the basis of the commonality of interests of legal entities that are members of the association in the Kyrgyz Republic. The Association was established on November 2, 2000 in accordance with the Constituent Agreement of November 2, 2000 and operates on the basis of the principles of voluntariness, self-government, equality of all its members, trust and mutual assistance in relations between them, legality, publicity and openness. The purpose of the establishment and functioning of the Association is to coordinate the activities of its members, to represent and protect their common interests in the field of communication in the Kyrgyz Republic, including the introduction of promising technologies in the field of communications, as well as contributing to the development of the Internet in the Kyrgyz Republic. The Association has the right of ownership of telecommunications equipment, forming a "point of traffic exchange."

AIGERIM ABAKIROVA

Expert

Association of Communication Operators of the Kyrgyz Republic

Eugene Romensky is the network administrator of the traffic exchange point of the Association of Telecommunications Operators of the Kyrgyz Republic. His work in the Association of Telecom Operators began in 2010, and participated in the organization and implementation of projects related to the development of the national IXP.

His responsibilities include technical organization of IXP activities, interaction with technical specialists and network administrators of the Association members, solving technical issues of the functioning of the traffic exchange point. Training new participants to work with protocols such as BGP and any technical support for users who interact through a national traffic exchange point.

The main purpose of the visit to the forum is to learn the best practices of organizing traffic exchange points. In the near future we are planning to upgrade our traffic exchange point, and I'm now collecting information. We would like to meet the most up-to-date requirements for traffic exchange points. It is interesting to see the software and current trends in this field.

EUGENE ROMENSKY
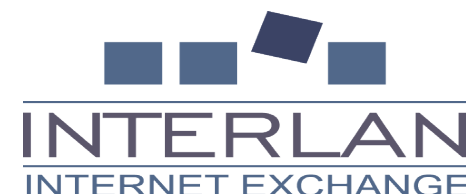
Network Administrator

Small and Meduim Telecom Operator's Association of Georgia

Ucha Seturi is a director of the NGO "Small and Medium Telecom Operator's Association of Georgia" from 2015. He is a board member and a founder of Georgian IXP. He is a fellow of the Tbilisi State University Faculty of Law. Since 1999 he worked at JSC "United Telecom of Georgia" Head of Legal Department, since 2008, worked as a lawyer at the Georgian National Communications Commission, since 2012, he is part of NGO "Institute for Development of Freedom of Information" as a media and telecommunications projects director. From 2013 - he was a member of the parliamentary commission investigating, from 2012 he is a State Procurement Agency appeal board member. He is a visiting lecturer on Media law in Tbilisi State university and member of the Bar Association of Georgia since 2003.

Right now, we are in really strange situation. Georgian IXP (http://gix.ge/) was established almost one year ago but we are stuck in one place. SMP's were created bottlenecks and we need more information on this issues - competition, regulation, code of conduct, collocation points, general rules for regulations and so on. To be honest, we are on the beginning of our way and need suggestions and support from colleagues.

UCHA SETURI

Executive Director

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Internet Society

INTERLAN INTERNET EXCHANGE

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

inex

FICIX

A common Model - How to signal "Remoteness"

Sunday 15th october

A workshop / hackathon on this topic will take place in room "Connections" on the second floor of the hotel, from 17:00 - 19:00.

The goal of the workshop is to talk about what remoteness means and to try to come up with a common model.

Find out more about this topic and get involved here: https://docs.google.com/document/d/165OUH1Rlo1LiEUhKR4qwUSlDukTErSuUw5K9qGV6B2Y/edit?usp=sharing

"Remote peering is around for ages and has been discussed several times on the Internet. Networks also gave recommendations how to deal with remote peering. And we have seen research on this topic as well. However, although remote peering is done since long, there is no common model how to signal remoteness in BGP so that IXP participants are able to make this metric part of a routing decision. As remote peering becomes more popular and many IXP install reseller programs as well as we see service to provide either a global L2 service or interconnection between own IXP, the need to give participants information about the remoteness of other participants becomes more urgent".

Contact us if you want more information.

Registration

Registration starts at 8:00 on the ground floor of the hotel, adjacent to the concierge desk - in room "library", with the conference starting promptly at 9am.

On first arrival, please give the name of your IXP or organisation, followed by your surname to speed up the process. You'll be given a delegates badge. Please wear your badge at all times to gain entrance to the conference facilities.

Schedule

For the up-to-date schedule including social information and attendee lists, view the forum page on the website.
On Monday 16th October, the forum will begin at 09:00. The forum will close at 17:00.
· On Tuesday 17th October, the forum will begin at 09:00. The forum will end at 16:30.

Conference Rooms

We are using two conference rooms this year:
· Sunday 15th - "Remoteness" Workshop: on level 2 of the hotel in room "Connections".
· Main conference room: on level 2 of the hotel, room Ballroom A + B.
· Wednesday 18th - Route server Workshop: on level 2 of the hotel, in Ballroom A.

Refreshments, Lunch and Breaks

There will be refreshments in the 30 minute morning and afternoon breaks in the foyer, adjacent to the main conference room.
There is also a lunch break of one hour each day. Lunch will be served in the hotel restaurant on the ground floor (same room where breakfast is served).
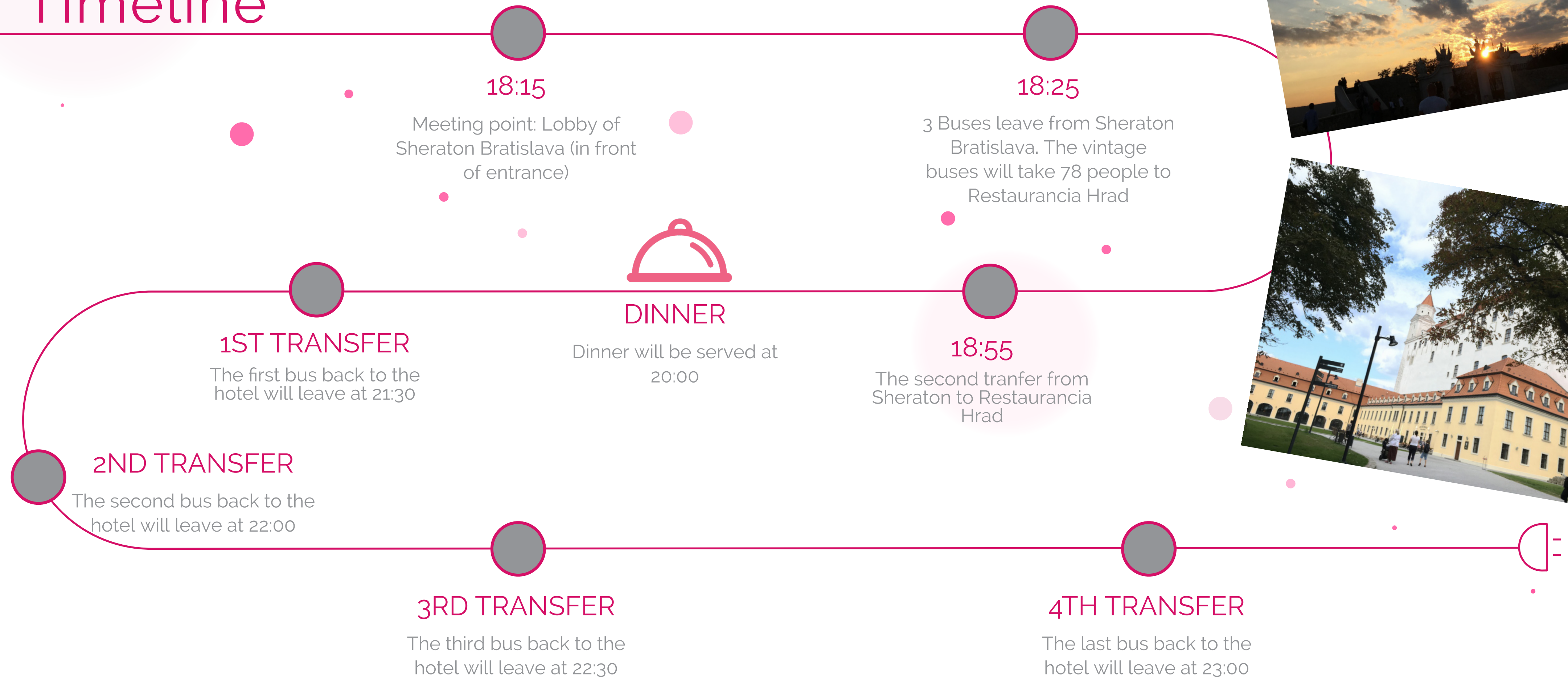
WIFI info:
* SSID: EUROIX
* Password: welovepeering

vnet
telecommunication solutions

Thank you to the FPC - Greg Hankins, Mikael Holm berg, Aleksi Suhonen, Rob Lister, Marc Bruyere, Kay Rechthien, Christoph Dietzel and Jo Fereday

Bratislava Castle - Reštaurácia Hrad Timeline

18:15

Meeting point: Lobby of Sheraton Bratislava (in front of entrance)

18:25

3 Buses leave from Sheraton Bratislava. The vintage buses will take 78 people to Restaurancia Hrad

1ST TRANSFER

The first bus back to the hotel will leave at 21:30

DINNER

Dinner will be served at 20:00

18:55

The second tranfer from Sheraton to Restaurancia Hrad

2ND TRANSFER

The second bus back to the hotel will leave at 22:00

3RD TRANSFER

The third bus back to the hotel will leave at 22:30

4TH TRANSFER

The last bus back to the hotel will leave at 23:00

The Internet Exchange Point Database (IXPDB) is an Internet Exchange Federation (IX-F) initiative to bring an accurate view of the IXPs around the world.

The project covers:
   • a database schema for all IXPs to record information about their relationships with the network operators that they serve.
   • a database and associated tools and APIs so the network operator community, researchers and related stakeholders can benefit from centrally collected data.
   • Community outreach to ensure that all IXPs have the practical support they need to implement the necessary export schemas.

What is still needed:

Whilst the core database is now available there is still work to be completed to achieve the project goals. These include:

   • The automation of data import to the database
   • Extend and internationalise the administration interface for all IXPAs
   • Practical outreach to the global IXP community, helping their
   implementation
   • Completing data exchange projects with other databases such as PeeringDB
   • Creating bespoke, maintained, API instances for specific NGOs and Researchers
   • Revising the database schema to capture more data.

How you can help

The initial stages of the project have been funded through the resources of the IXPAs.

Completing the project will require additional funding for development, support, administration and management. We are therefore seeking sponsors from the Internet industry and community to help complete this important work.

Please contact secretariat@euro-ix.net for more information.

EURO-IX

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