85th IFIP WG 10.4 Meeting
St. Simons Island, GA, US
Feb. 1 — 5, 2024

Business Meeting

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85th WG Meeting – Participants

- 39 participants
  - Asia: 1
  - Europe: 5
  - North America: 32
  - South America: 1

- 22 members
- 17 guests

Thanks everyone!

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Agenda

- DSN 2024, DSN 2025, DSN 2026
- Related Conferences
- Update on JCL Award 2024
- WG Meetings: Summer 2024, Winter 2025, Summer 2025
- Virtual Workshops
- IVDS Project

- Second part - restricted to members of the WG!

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DSN 2024
Brisbane, Australia

Dan Dongseong Kim

IFIP WG10.4 Meeting, Feb. 2024

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DSN 2024

- Pullman Hotel, Brisbane, Queensland, Australia
- 24-27 June 2024
- General Chairs:
  - Dan Dongseong Kim (University of Queensland, Australia)
  - Ryan Ko (University of Queensland, Australia)
- PC Chairs:
  - Marc C. Dacier (KAUST, Saudi Arabia)
  - Julia Lawall (Inria-Paris, France)
- Web: dsn.org

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Submissions and Open Tracks

- # Submissions: 198
  - Grand total of submissions: 306
  - Withdrawn: 52
  - Out of the remaining 254 abstracts, 50 did not lead to a complete submission
  - 6 submissions were desk rejected
  - Papers to be reviewed: 198
- Open Tracks:
  - Disrupt
  - Industry
  - Posters
  - Workshops
  - Doctoral Forum
  - Artifacts
  - Tutorials
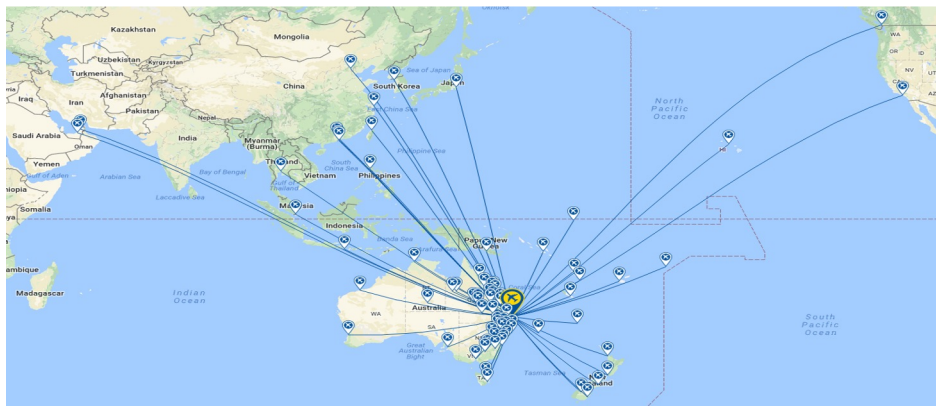
6

Brisbane, Queensland, Australia

Temperature in June: 21° / 12° C
(High/low) (approx. 70 ° / 54 ° F)

Source: https://www.4bc.com.au/brisbane-2032-how-the-olympics-could-change-the-city/
https://www.sunshinecoast-australia.com/australia-map.html

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Accessible Brisbane

- Brisbane (BNE) Airport
    an international airport of the third largest city in Australia.
    services 31 airlines flying to 50 domestic and 29 international destinations
    located about 15 km northeast from the Brisbane city centre.

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Things to do in/around Brisbane

Lone Pine Koala Sanctuary

Moreton Island Day Trip

Glass House Mountains National Park

The World's First & Largest Koala Sanctuary

South bank, Brisbane

Whale Watching

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Questions??

**DSN 2025
Naples, Italy**

*Domenico Cotroneo,
Marcello Cinque,
Univ. Di Napoli Federico II*

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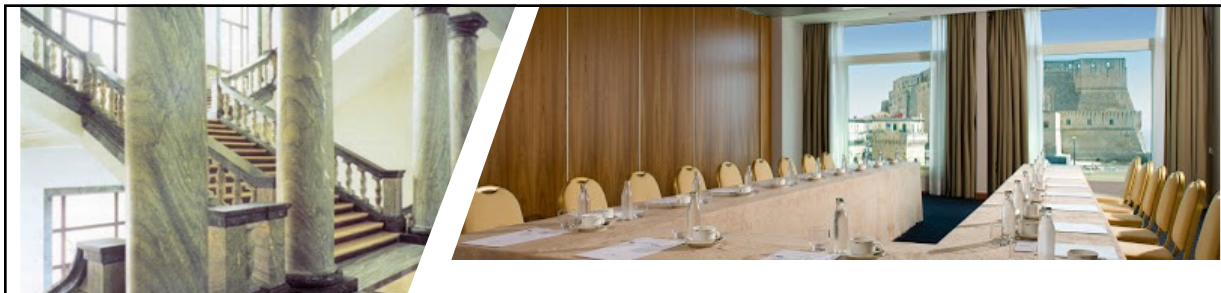We are in the process of involving Industrial Partners
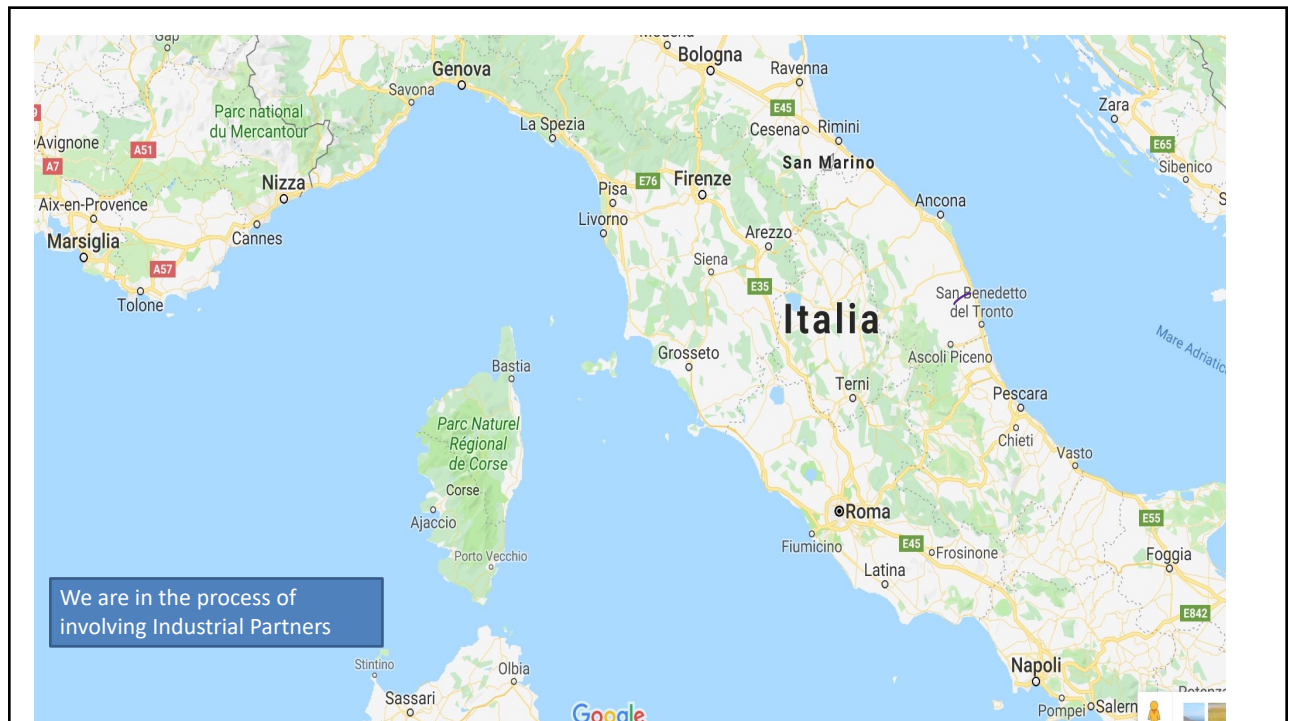
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Tentative dates and travel

- 23-26 June 2025

- Many flight options to Naples International Airport through Rome, London, Paris, Munich, Amsterdam, and many others

- June is summer in Italy, with sunshine and warm weather
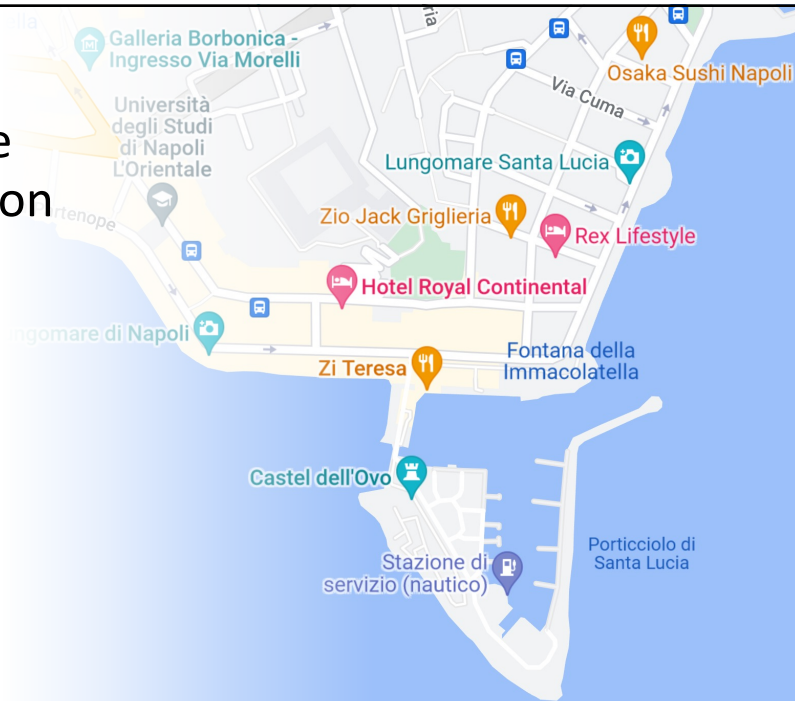 – bring the swimming suit!

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Conference Center

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Lunch & Breaks

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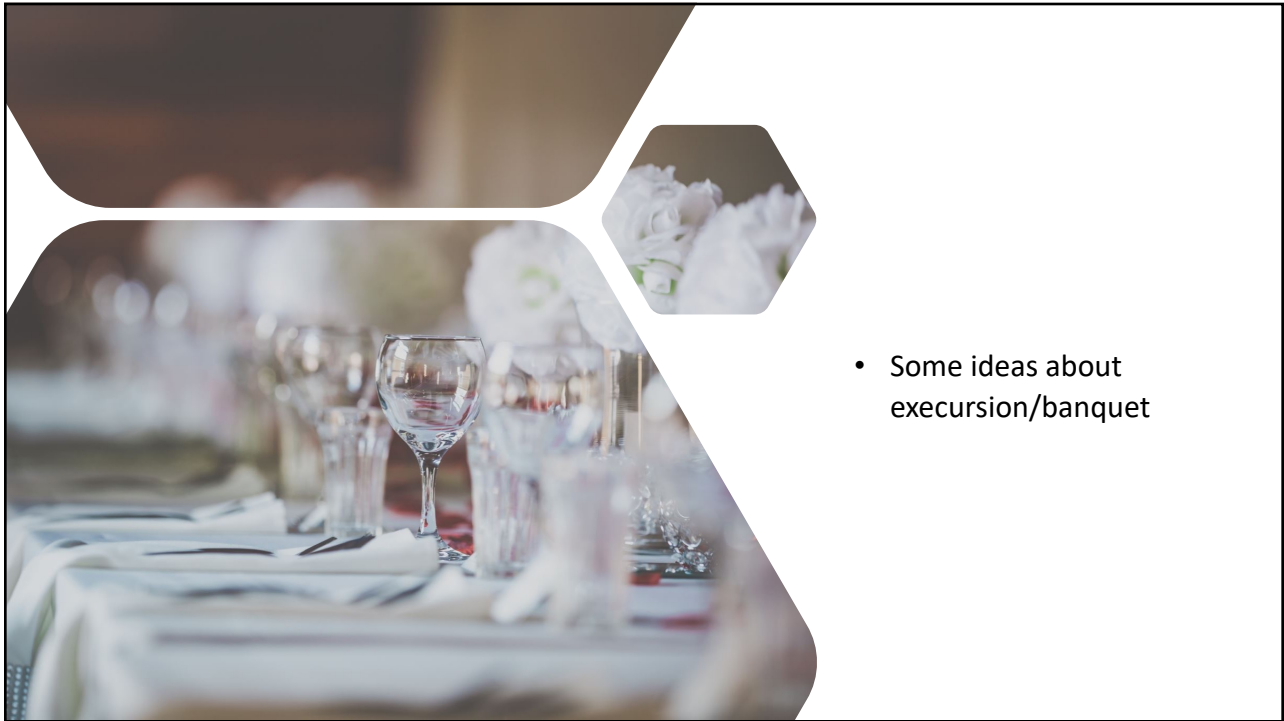# Hotel & Conference Center location

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To record good moments…

17

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- Some ideas about execursion/banquet

19
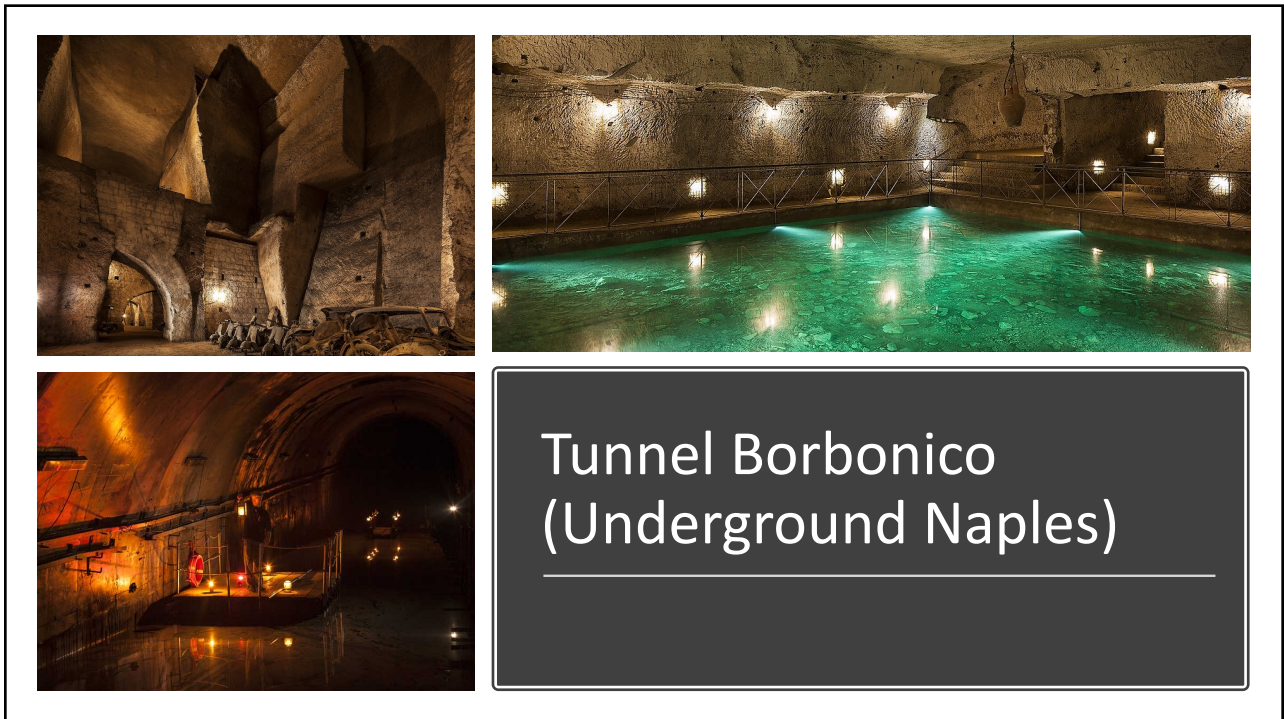
Tunnel Borbonico (Underground Naples)

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Reggia di Caserta
UNESCO world heritage site

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Reggia di Caserta

22

Pompei

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We are eager to welcome you in Napoli

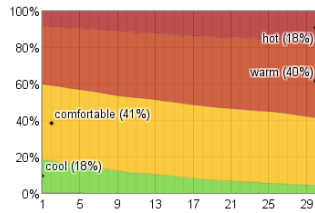**Question?**

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DSN 2026
Charlotte, NC, US

Bojan Cukic

IFIP WG10.4 Meeting, Feb. 2024

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Facts about Charlotte, NC

Large (1M city, 2.6M region)

2nd banking center in US

University of North Carolina at Charlotte

Airport hub

June weather

The Charlotte Region's **FORTUNE 500**

35	Lowe's	155	Truist
36	Bank of America	300	Sonic Automotive
98	Nucor	405	CommScope Holding
105	Honeywell	468	Brighthouse Financial
145	Duke Energy		

CHARLOTTE REGIONAL BUSINESS ALLIANCE

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The University of North Carolina at Charlotte

- North Carolina's urban research university
- 30,000+ students, 170 bachelor's, master's and doctoral programs

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Bojan Cukic, Professor and Chair, http://cs.uncc.edu

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DSN proposal - Background

- Organizational experience:

Welcome to ISSRE 2022
Charlotte, North Carolina, USA, October 31 - November 3, 2022

- Annual Charlotte Cyber Security Symposium
  - https://cybersecuritysymposium.uncc.edu/archives/archives/2020-symposium
  - 700+ attendees

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RSA
TIAA

jan Cukic, http://cci.uncc.edu

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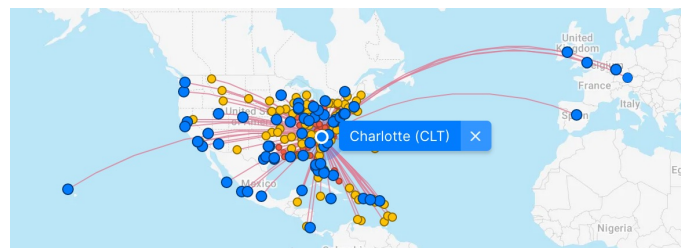**signature**
CONSULTANTS

Checkmarx

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Charlotte - Transportation

- **Charlotte Douglas Airport**
  - Sixth-busiest in the world
    - 543,944 takeoffs and landings
    - 50+ million passengers per year
- Light rail connects Uptown Charlotte with UNC Charlotte Campus.

After a decade of planning, Charlotte's light-rail extension finally opens
UNC CHARLOTTE MAIN

Direct flights

Charlotte (CLT) ✕

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Organization

- Local:
  - UNC Charlotte Marriott Hotel and Conference Center
  - Fully utilize the campus
  - 30+ nearby hotels
- Link to NC Research Triangle
  - Duke, UNC Chapel Hill, NC State
  - Cisco, NVIDIA, Apple, Red Hat, Microsoft, IBM, SAS, etc.
- Event: NASCAR Hall of Fame

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Bojan Cukic, P   31

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Summary

- Charlotte is easy to reach, safe and pleasant city.
  - Moderately priced / low priced in international comparisons.
- Significant experience of the organizers, team to expand
- Develop organizational collaboration with NC Research Triangle (Duke, UNC, NC State, R&D tech)
- Support from UNC Charlotte
  - ~90 full-time faculty in the College of Computing, 20+ new position in trustworthy AI, NSF Center for Cybersecurity Analytics and Automation (Director: Sushil Jojodia), NSF ERC - PreMiEr.
  - Conference organization office support

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Bojan Cukic, Professor and Chair, http://cs.uncc.edu   32

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Questions??

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Related Conferences

- ISSRE 2024
  - Tsukuba, Japan
  - October 28-31
  - Deadline: May 10th
- EDCC 2024
  - Leuven, Belgium
  - April 8-11
- SAFECOMP 2024
  - Florence, Italy
  - Sept. 17-20
  - Deadline: Feb 18

- PRDC 2024
  - Osaka, Japan
  - Nov. 13-15, 2024
- LADC 2024
  - Recife, PE, Brazil
  - Nov 26-29th
  - Deadline: June 21st

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JCL Award 2024

- 7 nominations
- Selection committee being defined
- Decision in April
- Announcement in May

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WG Meetings: Locations & Organizers

- Summer 2024 – Brisbane, Australia (together with DSN 2024)
    - Local Organization: Dan Dongseong Kim, Univ. of Queensland, Australia
    - Technical Workshop: Domenico Cotroneo, Univ. Naples Federico II
- Winter 2025 – we have proposal
- Summer 2025 – Naples, Italy (together with DSN 2025)
    - Domenico Cotroneo, University of Naples Federico II, Italy
- Winter 2026 – looking for proposals
- Summer 2026 – Charlotte, NC, US (together with DSN 2026)

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WG Meetings: Technical Topics

- As usual, we are short on proposals for technical topics!
- Summer 2024
  - Trustworthy AI Systems and Networks
- Winter 2025
  - We have a proposal
- Summer 2025
  - Looking for proposals
- Volunteers are always welcome

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IFIP WG 10.4 Summer 2024 Meeting Brisbane, Australia

Domenico Cotroneo

IFIP WG10.4 Meeting, Feb. 2024

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# The 86th IFIP WG 10.4 Meeting and Workshop

- Venue: Gold Coast, Australia (after the DSN 2024 conference).
- Dates: 27-30 June 2024
- Tentative agenda of the meeting:
  - 27 June 2024 (Thu): DSN to the workshop venue; welcome reception at 19:00
  - 28 June 2024 (Fri): Workshop Day
  - 29 June 2024 (Sat): Workshop Day
  - 30 June 2024 (Sun): Research reports presentations (half day); meeting ends after lunch

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Workshop on Trustworthy AI Systems and Networks

- Organizers:
  - Domenico Cotroneo (University of Naples, Italy)
  - Dan Dongseong Kim (The University of Queensland, Australia)
  - Guangdong Bai (The University of Queensland, Australia).
- Brief summary:
  - AI techniques have been applied to a variety domains and applications including image and audio processing, computer vision, cybersecurity, network managements, etc. over the last couple of years. However, there are emerging threats to Machine Learning and Deep Learning algorithms and systems and networks adopting AI techniques. This workshop will discuss the state-of-the art attacks and defenses in AI systems and networks.

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Questions??

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Andrey Brito
Elias Duarte Jr
Lelio Di Martino

Brazil 2025
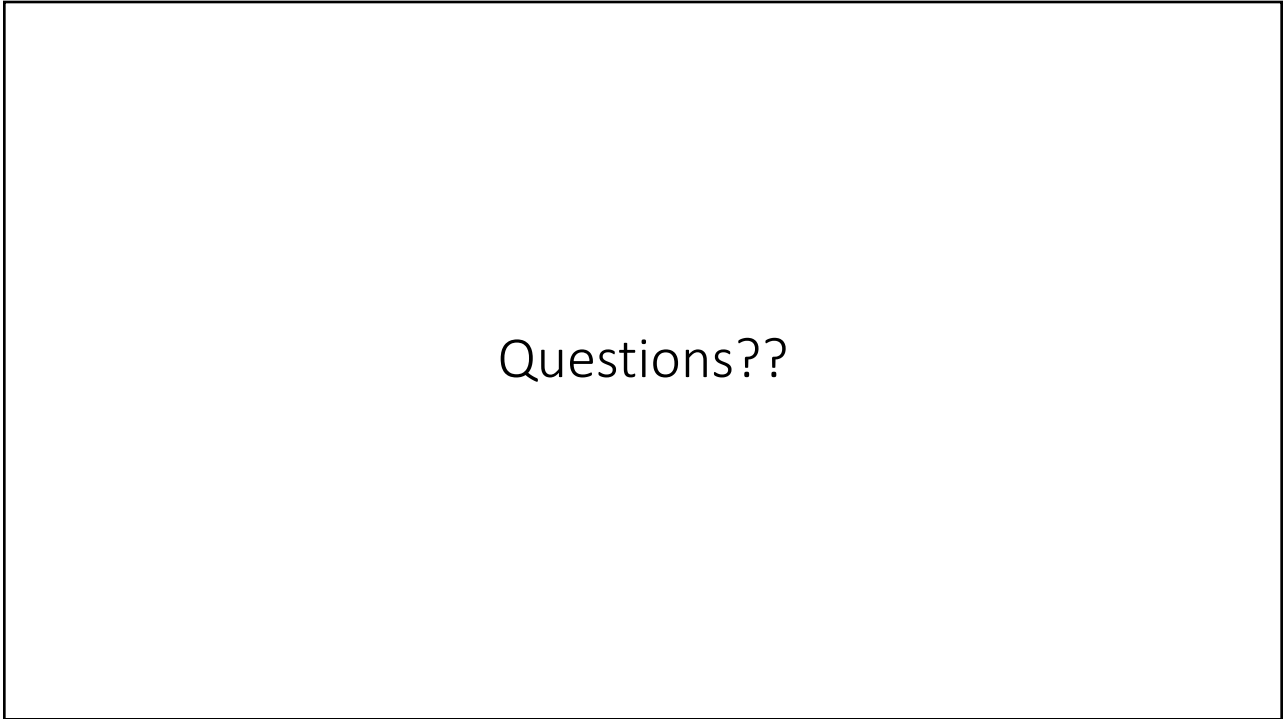
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Organizers (2 academia & 1 industry)

Andrey Brito

Professor at the Federal University of Campina Grande, currently working on security implications on dependability, especially for cloud native applications

Elias Duarte Jr

Professor at the Federal University of Parana, currently working on multiple dependability issues of networking & distributed systems

Lelio Di Martino

Department Head at Nokia Bell Labs. Working on mission-critical applications and communication systems, Industrial automation, 5G and 6G networks

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THE TOPIC

Dependability challenges for future mission-critical systems

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Suggested dates

Jan 31st
to
Feb 3rd

Feb 7th
To
Feb 10th

Reasons for these particular dates:

- During school vacations (until the 27th) most places will be full

- Carnaval begins March 3rd (weeks just before carnaval also have high occupancy due to pre-carnaval parties)

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Participants

Local guests

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Potential local guests - Industry

Brazilian representatives from international companies with requirements and results on mission-critical systems

Focus on challenges and use cases

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Potential local guests - Academy

Brazilian-Europe/US/Asia collaboration opportunities

- Lisandro Granville
- Representative from CNPq (Brazilian main agency)

Researchers on mission-critical systems

- Augusto Frohlich (UFSC) - https://dblp.org/pid/43/6521.html
- Augusto Neto (UFRN) - https://dblp.org/pid/88/6376.html
- Rossana Andrade (UFC) - https://dblp.org/pid/61/6138.html
- Michele Nogueira (UFMG) - https://dblp.org/pid/22/4022.html
- TDB - Someone from UnB and/or UFCG related to 5G/B5G projects

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The venue
**Praia do Forte
Hotel via dos Corais**

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Salvador Airport (SSA, Bahia, Brazil)


SSA can be reached with one connection from most major cities.

Origin	Daily flights	Good as connection for travellers from
Brasília	6	North America
Buenos Aires	1	Asia and Oceania
Fortaleza	3	North America and Europe
Lisboa	1	Europe
Madrid	1	Europe
Recife	7	Europe
Rio de Janeiro	7	Worldwide
São Paulo (GRU)	20	Worldwide

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Airport (SSA) → Praia do Forte

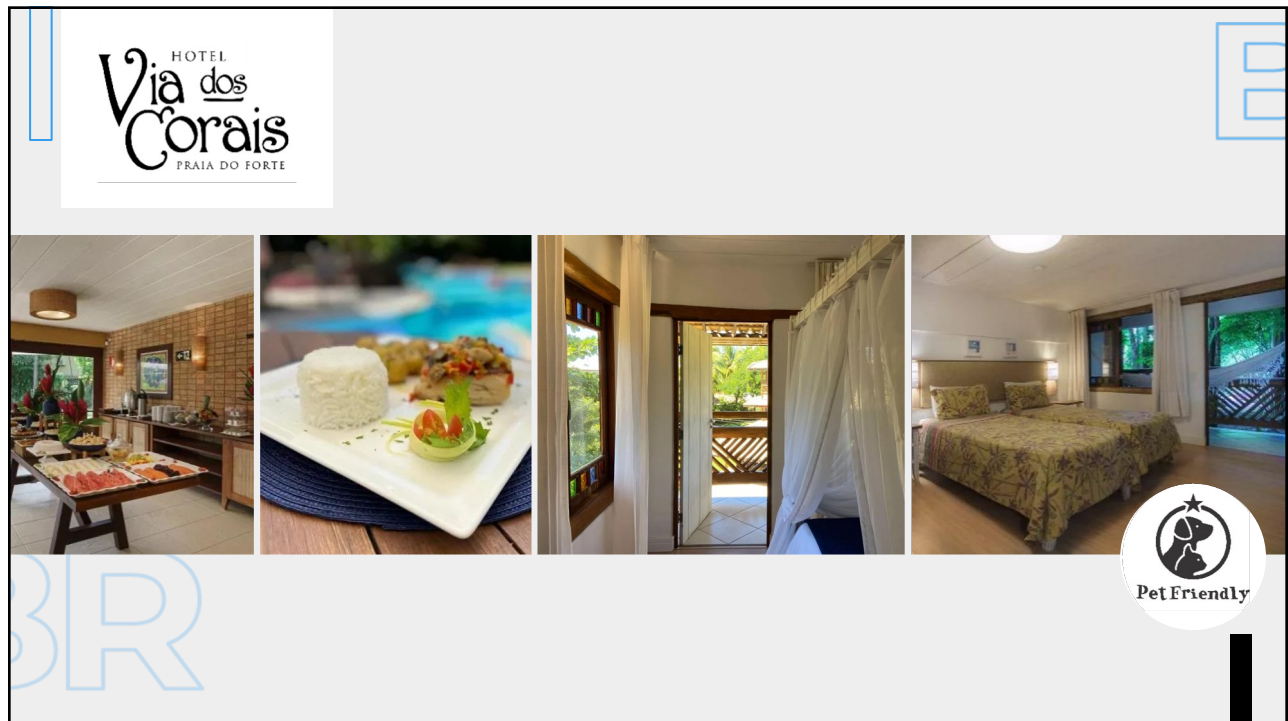Optional car service will be provided between Salvador and Praia do Forte
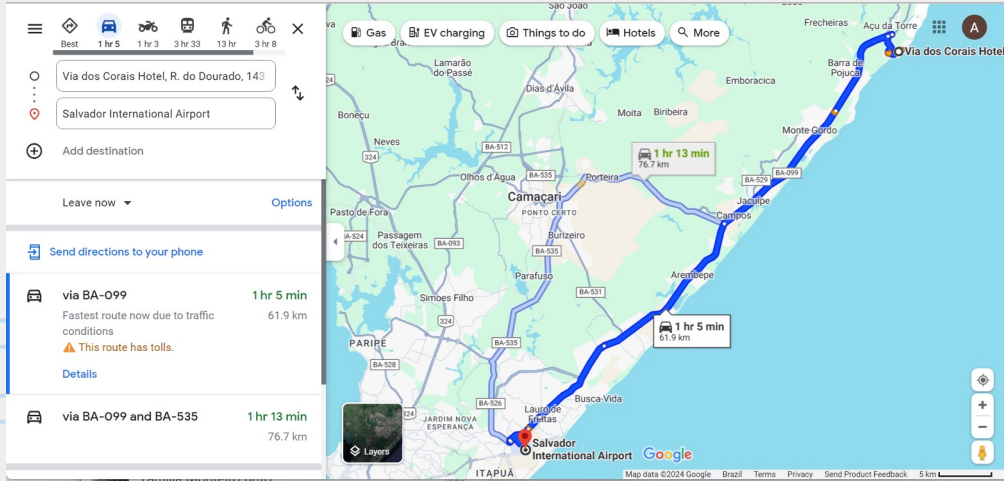
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Praia do Forte - Bahia

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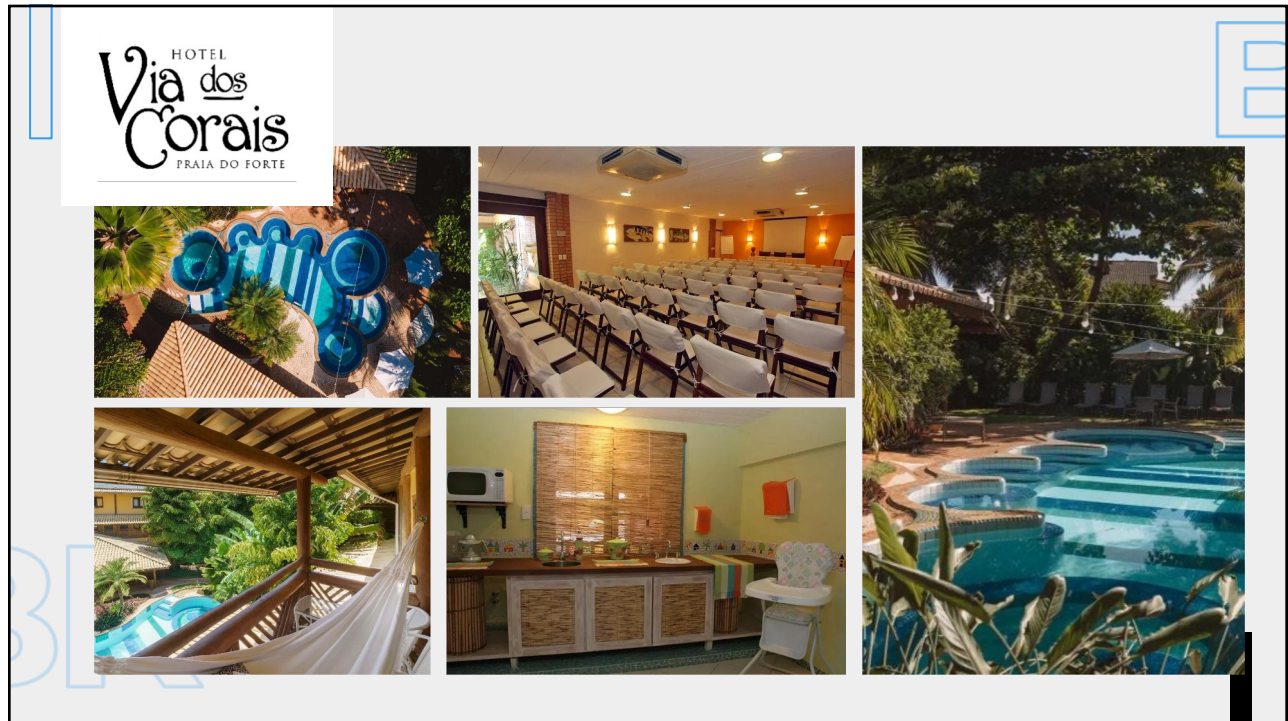
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Excursion and Baquet

Vila de Santo Antonio

Leave at 13:30 via minivans (15-19 people) for a Visit to the "Vila de Santo Antonio"

handicraft from Bahia

Fruit, drinks, food, music and "Capoeira"

bring your Havaianas!

16:00 leave for the next stop: Garcia D'Avila's castle

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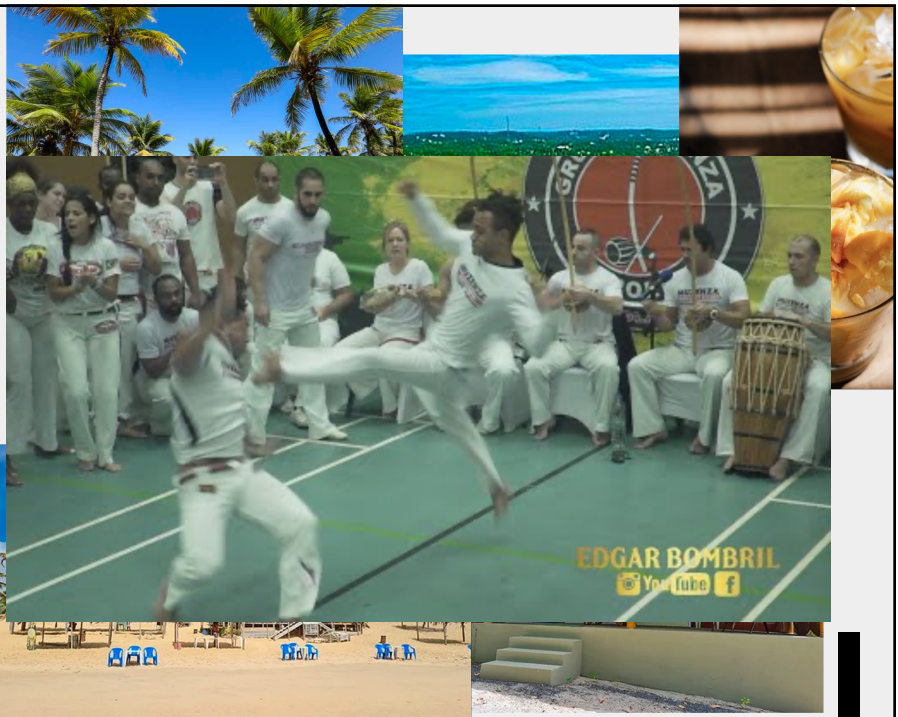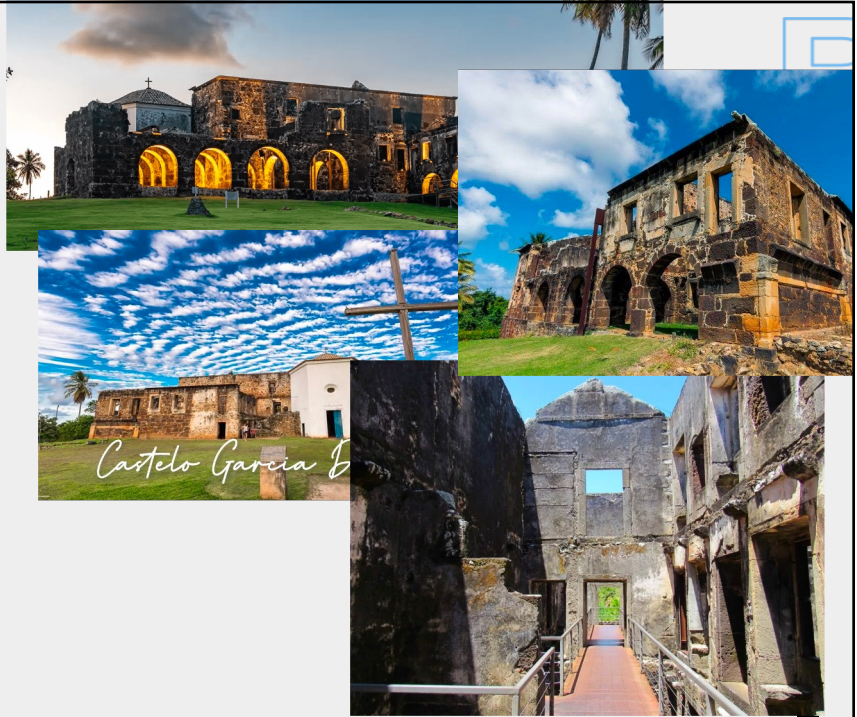
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Excursion and Baquet

16:30 - 18:00

Garcia D'Avila's Castle

visit to the museum

view at sunset

english guide

Banquet at 18:30 back at Praia do Forte

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Additional Tours

1 day excursion in Salvador

Buggy tour

Projeto Tamar

Whale Museum

Imbassaí beach

....

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Registration

Cost estimates

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Registration

Event fee includes

- Meeting room and coffee breaks
- Social excursion
- Banquet (saturday)
- Welcome cocktail (friday)
- Lunch (saturday & sunday)

Accompanying person fee includes
- Banquet dinner
- Escursion
- lunches (saturday & sunday)
- Velcome cocktail (Friday)

Tentative values *

- 600$ event (~550 Euros)
    - Round trip transportation from the SSA airport included with a dedicated driver for IFIP at given hours
    - Dedicated driver +70$ (round trip)
- 120$ accompanying person
- 70-180$ average daily rate for 70% of the hotels and "pousadas" (booking 8,7+ rating) – all with amazing breakfast and afternoon tea
    - high season
    - reservation of a block of rooms in the meeting hotel

There are many excellent restaurants in the neighborhood.

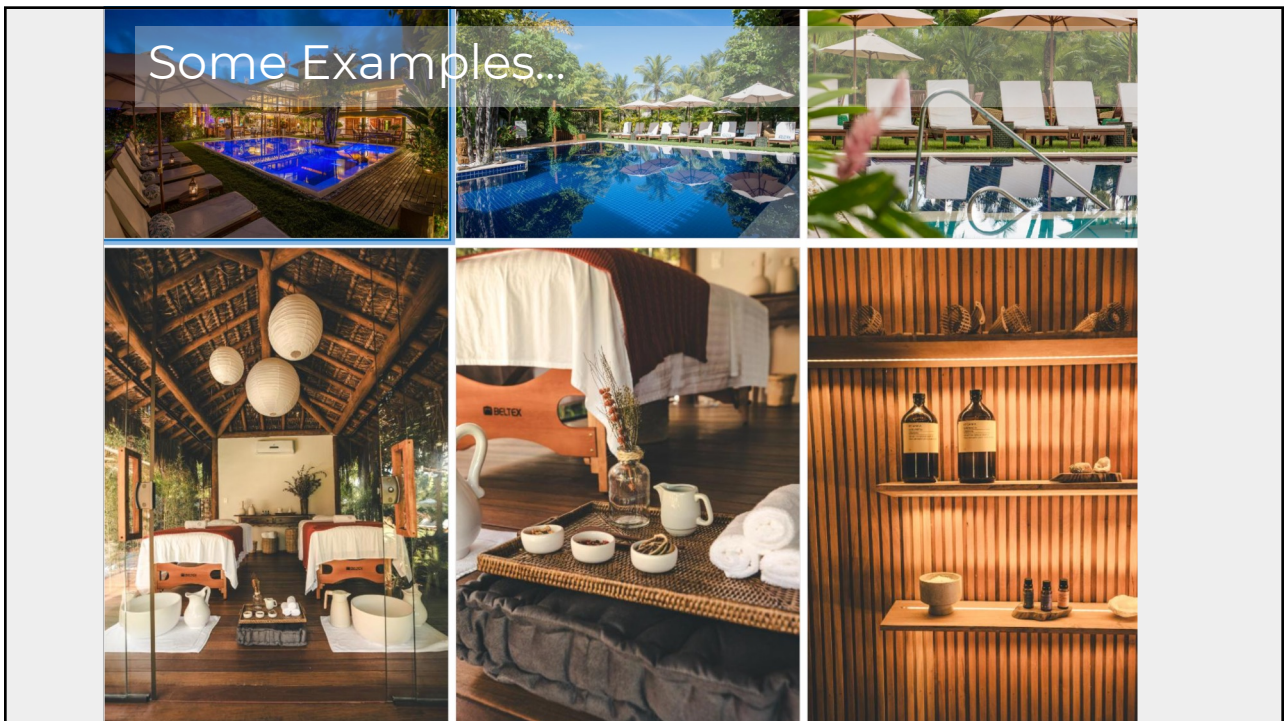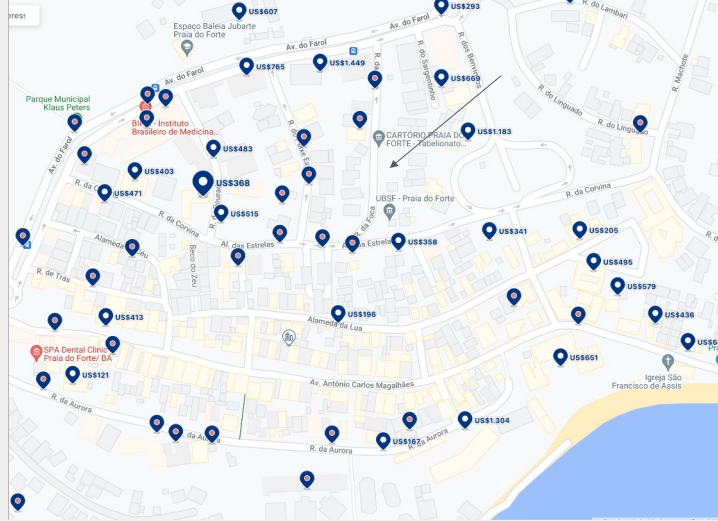* based on current exchange rates Feb 01 2023

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Some Examples…

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Some Examples…

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Some Examples…

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Some Examples…

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Pousadas in less than 5 min walk

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See you in Praia do Forte, Bahia, Brazil?

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Virtual Workshops 2023

- Spring 2023 – May 4th
    - Organized by Marcus Voelp, University of Luxemburg, Luxemburg
    - Two talks:
        - Wolfgang Kunz (Rheinland-Pfälzische Technische Universität, Germany)
        - Thomas Mikolajick (TU Dresden, Germany)
    - > 25 attendees
- Fall 2023 – Nov. 8th
    - Organized by Andrea Ceccarelli, University of Florence, Italy
    - Two talks:
        - Isabella Ferrari (University of Studies of Modena and Reggio Emilia, Italy)
        - Veronica Palladini and Rolando Poggi (University of Modena and Reggio Emilia, Italy)
    - ~40 attendees

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Virtual Workshops 2024

- Spring 2024 – April / May
- Fall 2024 – October / November

- Looking for volunteers!

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IVDS Project

Jay Lala
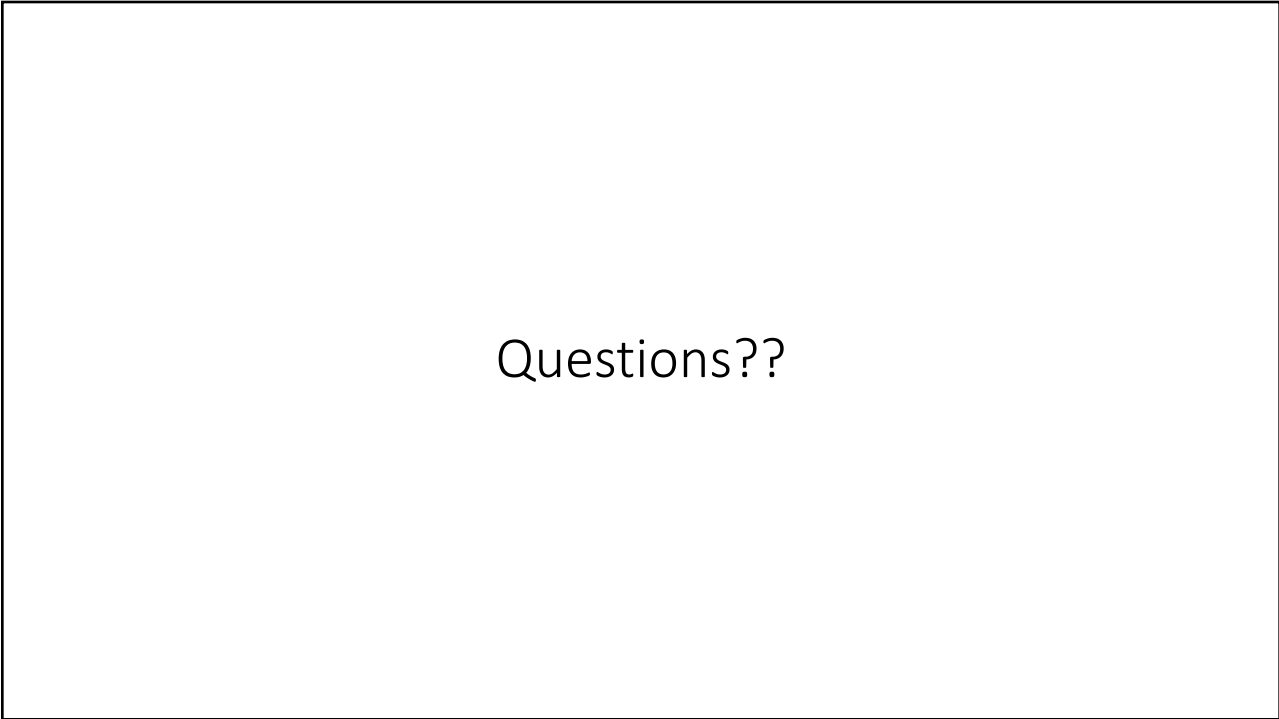
IFIP WG10.4 Meeting, Feb. 2024

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See slides in attach

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Questions??

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