



GÉANT Infoshare Management and monitoring of time & frequency services

<https://events.geant.org/event/1207/>

Krzysztof Turza, *OTFN technical leader*

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Susanne Naegele-Jackson, *GN4-3 WP6 T0*

GÉANT Infoshare, 21th June 2022

www.GÉANT.org

Previous Infoshares, workshops

- **Infoshare:** “European Time and Frequency Services Infoshare” - GEANTtv
YouTube channel: <https://youtu.be/eZN41xyfUr4> -
<https://events.geant.org/event/451/>
- **White Paper:** “Distributing New Performant Time and Frequency Services over NREN Networks” -
https://about.geant.org/wp-content/uploads/2021/12/GN4-3_White-Paper_Time_and_Frequency.pdf

WP6 – Optical Time & Frequency Network

- Contact us at gn4-3-wp6-otfn@lists.geant.org or otfn-discuss@lists.geant.org
- **Krzysztof Turza, OTFN technical leader, PSNC**
- Wojbor Bogacki, PSNC
- Josef Vojtech, Vladimir Smotlacha, CESNET
- Nicolas Quintin, RENATER
- Fabian Mauchle, Joel Busch, SWITCH
- Peter Kaufmann, Susanne Naegele-Jackson, DFN
- Guy Roberts, GÉANT

- Xavier Jeannin , task leader
- Ivana Golub, Work Package Leader
- Tim Chown, Work Package Leader

GÉANT Infoshare Management and monitoring of time & frequency services

- 1st Session

- Optical carrier, time and radio frequency technologies monitoring and management
- Chairman Dr Josef Vojtech, CESNET

- 2nd Session

- White Rabbit
- Chairwoman Dr Susanne Naegele-Jackson,
Friedrich-Alexander-Universität Erlangen Nürnberg

1st session: Optical carrier, time and radio frequency technologies monitoring and management

13:00 → 13:10 **Introduction**

13:10 → 13:35 **Optical carrier transfer (Frequency)**

Orateur: Nicolas Quintin (RENATER)

13:35 → 14:00 **Time and radio frequency transfer using the optical ELSTAB system**

Orateur: Dr Krzysztof Turza (PSNC)

14:00 → 14:25 **Remote management of optical frequency dissemination equipment in amplifier sites and labs**

Orateur: M. Fabian Mauchle (SWITCH)

 TF-Management-1.p...

14:25 → 14:50 **Bidi TF channels monitoring**

Orateur: Dr Martin Šlapák (CESNET)

2nd session: White Rabbit

15:00

→ 15:50

White Rabbit

Configuration challenge

Calibration

Difference between switch

Orateur: M. Maciej Lipinski (CERN)

15:50

→ 16:10

White rabbit over coherent network

Orateur: Dr Josef Vojtech (CESNET)

16:10

→ 16:40

White Rabbit - Management and Monitoring

Orateur: Adam Wujek (Independent WR consultant)

Management and monitoring of time & frequency services

Coffee Break

Management and monitoring of time & frequency services

Session2

Thank you

Any questions?

Share with us your feedback at

otfn-discuss@lists.geant.org

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