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15
2021
GERMANY

PHYSIKZENTRUM BAD HONNEF

Workshop on Time and Frequency for European Science

Share your vision for science using a pan-European ultra-precise time and frequency network



Workshop participation and accommodation will be covered by CLONETS, travel has to be organized and paid by the participants.



CloNetS-DS (Clock Network Services – Design Study) aims to establish a fiber-based, pan-European time and frequency reference system as a European Research Infrastructure to serve the science community.



Homepage: <https://clonets-ds.eu/>
Contact: Clonets@menlosystems.com





Workshop schedule

We, the CLONETS-DS consortium, invite you to a workshop:

- to present to you our current status of the design study and the vision for CLONETS, and
- to develop these plans further with you, the stakeholders and future users of CLONETS.

In the first two days, the CLONETS-DS consortium together with the stakeholders will further develop the high-impact science cases for CLONETS and prepare presentations on these. On Day 3, these presentations will be used to gain feedback from European delegates, who decide funding for European research infrastructure.

All invited stakeholders are encouraged to bring a poster to present and discuss their research activities on Day 2.

Internal CLONETS-DS Meeting

12:00-13:00 | Registration
13:00-14:45 | Internal meeting

Introduction for Stakeholders

15:00-15:15 | Welcome of Stakeholders
13:15-16:00 | Time & Frequency Transfer via optical fibers and current plans for CLONETS architecture
16:00-16:30 | Break
16:30-18:30 | Introduction to the Science Cases (15 min each)
19:00-20:00 | Dinner
20:00 | Meet & Greet

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Science Case Development with Stakeholders

09:00-10:30 | Science Case Breakout Rooms: Introduction round robin, what benefit does my research field have from CLONETS-DS?
10:30-11:00 | Break
11:00-12:00 | Science Case Breakout Rooms:
(1) Next-generation applications with CLONETS-DS?
(2) Formulate a path forward for ensuring investment
12:30-13:30 | Lunch
13:30-15:00 | Whiteboard Preparation: Presentation on Science Case Prospects
15:00-17:00 | Poster session
17:00-19:00 | Science Case Presentations in Plenum
19:00 | Dinner

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Presentation to Delegates

09:00-09:30 | Welcome of Delegates
09:30-10:00 | European Projects on Time & Frequency Transfer via optical fibers (INTRO)
10:00-10:30 | Summary of Science Cases (Lessons learned)
10:30-10:50 | Break
10:50-11:30 | Discussion with Delegates
12:30-12:45 | Plenary: Vision of a European Network
12:45-13:00 | Closing
13:00-14:00 | Lunch

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