

Black-box assessment of optical spectrum services

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Channel performance estimations with extended channel probing

Kaeval, Kaida; Griesser, Helmut; Grobe, Klaus; Elbers, Jörg-Peter; Tikas, Marko; **Jervan, Gert** Photonic Networks : 21th ITG-Symposium : 24-25 November 2020 : online 2020 / p. 60-64 <http://d-nb.info/1223037061> <https://ieeexplore.ieee.org/document/9273755>

Characterization of the optical spectrum as a service

Kaeval, Kaida; Jansen, Sander Lars; Spinty, Florian; Grobe, Klaus; Griesser, Helmut; Fehenberger, Tobias; Tikas, Marko; **Jervan, Gert** Journal of Optical Communications and Networking 2022 / p. 398-410 <https://doi.org/10.1364/JOCN.454158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Concatenated GSNR profiles for end-to-end performance estimations in disaggregated networks

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Employing channel probing to derive end-of-life service margins for optical spectrum services

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Exploring channel probing to determine coherent optical transponder configurations in a long-haul network

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Exploring service margins for optical spectrum services

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Optical spectrum as a service in multi-operator environments: challenges and enabling technologies for transparent optical overlay networks

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Optical spectrum services in Open Disaggregated Transport Networks = Optilise spektri teenused avatud lainepekkustihendus võrkudes

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QoT assessment of the optical spectrum as a service in disaggregated network scenarios

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Service margins for wide-band optical spectrum services implemented in long-haul Raman-enabled networks

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