

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

Kaeval, Kaida; Slyne, Frank; Troia, Sebastian; Kenny, Eoin; Grobe, Klaus; Griesser, Helmut; Kilper, Daniel C.; Ruffini, Marco; Pedreno-Manresa, Jose-Juan; Patri, Sai Kireet; **Jervan, Gert** Journal of optical communications and networking 2023 / p. C63-C73 : ill <https://doi.org/10.1364/JOCN.480080>

Experimental demonstration of ML-based DWDM system margin estimation

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Exploring service margins for optical spectrum services

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Improved mitigation of self-phase modulation induced impairments in 28 GBaud phase-sensitive amplified links

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Phase-sensitive amplifier link with distributed Raman amplification

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

Kaeval, Kaida; Patri, Sai Kireet; Pedreno-Manresa, Jose-Juan; Grobe, Klaus; Elbers, Jörg-Peter; Griesser, Helmut; Tikas, Marko; **Jervan, Gert** Optical Fiber Communication Conference (OFC) 2023 : San Diego, California, United States, 5–9 March 2023 2023 / art. W3H.6 <https://doi.org/10.1364/OFC.2023.W3H.6>