

Cloud Radio Access Network

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Abstract: *In the mobile Internet era, mobile carriers are under pressure from rising operational and capital costs and significantly slower income growth. Next-generation radio access network (C-RAN) is anticipated to be a candidate. strategies for generation access networks that can answer operators' conundrums. In this piece, We provide a novel logical framework of C-RAN based on a thorough study of a physical plane.*

Keywords: Cloud Radio

REFERENCES

- [1]. To cite this article: N S Saad et al 2021 J. Phys.: Conf. Ser. 1962 012036
- [2]. Cost-Optimal Deployment of a C-RAN With Hybrid Fiber/FSO Fronthaul—IEEE Journals & Magazine. Available online: <https://ieeexplore.ieee.org/document/8746766>
- [3]. To cite this article: N S Saad et al 2021 J. Phys.: Conf. Ser. 1962 012036
- [4]. S. Cai, Y. Che, L. Duan, J. Wang, S. Zhou, and R. Zhang, "Green 5G Heterogeneous Networks Through
- [5]. Dynamic Small-Cell Operation," IEEE J. Sel. Areas Commun., vol. 34, no. 5, pp. 1103–1115, 2016, doi:10.1109/JSAC.2016.2520217.
- [6]. Article in Journal of Network and Computer Applications • April 2019
- [7]. Jun Wu, Zhifeng Zhang, Yu Hong, and Yonggang Wen