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Nota di contenuto	Introduction : the communication haul challenge -- A C-RAN approach for 5G applications -- Backhauling 5G small cells with massive mimoenabled MM-wave communication -- Fronthaul for a flexible centralization in cloud radio access networks -- Analysis and optimization for heterogeneous backhaul technologies -- Dynamic enhanced inter-cell interference coordination strategy with quality of service guarantees for heterogeneous networks -- Cell selection for joint optimisation of the radio access and backhaul in heterogeneous cellular networks -- Multiband and multichannel aggregation for high-speed wireless backhaul : challenges and solutions -- Security challenges for cloud radio access network.