**Mạng 5G: cuộc cách mạng viễn thông thế giới**

5G được ví như cuộc cách mạng viễn thông của cả thế giới. 5G lần đầu xuất hiện vào khoảng những năm 2020, tức là chỉ một vài năm trở lại đây, hứa hẹn mang đến rất nhiều ứng dụng đột phá trong tương lai.

5G là mạng di động thế hệ thứ 5. Đây là tiêu chuẩn không dây toàn cầu mới sau mạng 1G, 2G, 3G và 4G. 5G được thiết kế cho phép vạn vật kết nối với nhau (IoT), giữa người với người và người với thiết bị. Công nghệ không dây 5G nhằm cung cấp tốc độ dữ liệu cao nhất nhiều Gbps, độ trễ cực thấp, độ tin cậy cao hơn, dung lượng mạng lớn, tính khả dụng cao hơn và trải nghiệm thống nhất hơn cho nhiều người dùng hơn.

Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.

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