**Công nghệ mạng lưới vạn vật kết nối Internet**

(Cập nhật đến ngày 19/8/2022)

Internet vạn vật (Internet of Things - IoT) là một mạng lưới các đối tượng vật lý được trang bị các cảm biến, phần mềm và các công nghệ khác và được kết nối với Internet. Những đối tượng này có thể trao đổi dữ liệu theo thời gian thực với các thiết bị và hệ thống được kết nối khác qua hệ thống mạng.

Dữ liệu do các thiết bị được kết nối này kết hợp với các hệ thống IoT được thu thập tự động để từ đó phân tích cũng như hỗ trợ các nhiệm vụ hoặc dùng để cải tiến các quy trình. Ngày càng có nhiều đối tượng tham gia vào IoT để cung cấp thông tin, cải thiện năng suất công nghiệp của các thiết bị, tiết kiệm thời gian và khí thải, cải thiện cách thức cung cấp dịch vụ cho công chúng.

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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