



July 2020 Highlights

COVID-19 & THE INTERNET OF THINGS

See some perspectives gathered by CDAIT on the use of IoT technologies in preventing and monitoring COVID-19 like infectious diseases & impact on IoT – as of 07/15/20 – 348 entries:

https://cdait.gatech.edu/sites/default/files/covid-19_iot_january_july_15_2020.pdf

PRIVACY & THE INTERNET OF THINGS

See Khalida Sarwari, “We know companies are collecting and sharing our data. Is there anything we can do about it?”, News at Northeastern, July 1, 2020 (related research at Northeastern University (incl. Mon(IoT)r Lab), University of California at Irvine, University of Iowa and University of Southern California):

<https://news.northeastern.edu/2020/07/01/they-want-to-keep-your-personal-information-safe-on-the-internet/>

GLOBAL STABILITY & THE INTERNET OF THINGS

See Robert A. Manning, “Emerging Technologies: New Challenges to Global Stability,” Atlantic Council, Scowcroft Center for Strategy and Security, May 2020 (25 pages)

<https://www.atlanticcouncil.org/wp-content/uploads/2020/06/Emerging-Technologies-New-Challenges-To-Global-Stability-May-2020.pdf>

GT CDAIT Biweekly IoT News Digest (07/20 – 1)

Georgia Tech IoT-related Info/Research Noticed by CDAIT

IoT News and Market Reports

(First Half of July 2020)

- Selected IoT-related announcements and featured activities/topics in the first half of July 2020 gathered by CDAIT from governments; agencies; consortia; alliances; associations; standards, research and other similar groups around the world – 11 entries – See: https://cdait.gatech.edu/sites/default/files/iot_news_filing_s_july_2020_first_half.pdf
- Sample list of IoT-related market reports published in the first half of July 2020 gathered by CDAIT– 55 entries – See: https://cdait.gatech.edu/sites/default/files/iot_market_reports_july_2020_first_half.pdf

Special Reading Suggestions

Articles

- Ding Xianfeng (Cloud Scientists at Alibaba), “How Will the Internet of Everything Benefit Humanity?” Medium, June 30, 2020 original posting on Alibaba Cloud website (April 29, 2020) https://medium.com/@Alibaba_Cloud/how-will-the-internet-of-everything-benefit-humanity-5ee84de3698d
- Massimo Russo and Gary Wang, “Orchestrating the Value in IoT Platform-Based Business Models,” Boston Consulting Group, June 29, 2020 <https://www.bcg.com/publications/2020/value-in-iot-platform-based-business-models.aspx>

Books

- Vicki McLeod, “You and the Internet of Things: A Practical Guide to Understanding and Integrating the IoT into Your Daily Life,” paperback, 144 pages, April 2020, Self-Counsel Press <https://www.self-counsel.com/you-and-the-internet-of-things.html>
- Aleksander Poniewierski, “Speed: No Limits in the Digital Era,” see related article by Brian Buntz, “Digital Business Agility Should Be Company Priority -- While digital transformation is an overused phrase, companies should focus on bringing agility to operations says an EY consultant,” IoT for All, March 9, 2020 <https://www.iotworldtoday.com/2020/03/09/digital-business-agility-should-be-company-priority/>

Selected IoT Perspectives

The Internet of Things and Wireless Charging

- Sanjay Sharma, “China is the New Hub for Wireless Charging Technology,” IP Watchdog, July 6, 2020, “With a growing number of users and increased demand for consumer electronics, smart-wearables, electric vehicles, Internet-of-Things (IoT) and Internet-of-Everything (IoET), the need for powering such devices and for hassle free charging has to keep pace with this rapid growth.” <https://www.ipwatchdog.com/2020/07/06/china-new-hub-wireless-charging-technology/id=123032/>
- Mike Clark, “NFC Forum spec lets consumers use NFC phones to wirelessly charge small devices,” NFC World, May 6, 2020 <https://www.nfcw.com/2020/05/06/366432/nfc-forum-spec-lets-consumers-use-nfc-phones-to-wirelessly-charge-small-devices/>
- Hrishikesh Kadam, “What Does the Future of Wireless Charging Technology Look Like?” Electronics Cooling, February 27, 2020 <https://www.electronics-cooling.com/2020/02/what-does-the-future-of-wireless-charging-technology-look-like/>
- Lucas Mearian, “FCC approves wireless charging tech for IoT devices, Walmart to adopt it -- Ossia's Forever Tracker technology would charge multiple IoT devices,” Computer World, October 3, 2019 <https://www.computerworld.com/article/3442967/fcc-approves-wireless-charging-tech-for-iot-devices-walmart-to-adopt-it.html>