



CHRONICLE OF DIGITAL TRANSFORMATION THROUGH INTERNET OF THINGS TECHNOLOGIES

Some biweekly perspectives from around the globe gathered by CDAIT
(950 entries since April 1, 2022)
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GOVERNANCE & THE INTERNET OF THINGS

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<https://www.jdsupra.com/legalnews/eu-technology-regulation-watch-list-for-4123803/>

Robert Ackerman Jr. "What's in the Cards for Cybersecurity in 2023?," Tripwire, February 6, 2023 <https://www.tripwire.com/state-of-security/whats-cards-cybersecurity>

Jonathan Reed, "The White House on Quantum Encryption and IoT Labels," Security Intelligence, February 1, 2023
<https://securityintelligence.com/news/white-house-on-quantum-encryption-iot-labels/>

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Biweekly IoT News Digest (02/23 – 1)

IoT News and Market Reports

(First Half of February 2023)

- Selected IoT-related announcements and featured activities/topics gathered by CDAIT from governments; agencies; consortia; alliances; associations; standards, research and other similar groups around the world – 15 entries - See: https://cdait.gatech.edu/sites/default/files/2023-02/IoT_News_Filings_February_2023_First_Half.pdf
- Sample list of IoT-related market reports gathered by CDAIT– 84 entries – See: https://cdait.gatech.edu/sites/default/files/2023-02/IoT_Market_Reports_February_2023_First_Half.pdf

Georgia Tech IoT-related Info/Research Noticed by CDAIT

- J Knight, Thora, Xiaojun Yuan, DeeDee Bennett Gayle, and Salimah LaForce. "Responding to COVID-19: Privacy Implications of the Rapid Adoption of ICTs," In Social Vulnerability to COVID-19: Impacts of Technology Adoption and Information Behavior, pp. 107-126. Cham: Springer International Publishing, 2023 https://link.springer.com/chapter/10.1007/978-3-031-06897-3_7
- Liu, Shijie, Xi Liang, Pengfei Chen, Hairong Long, Tao Jiang, and Zhong Lin Wang. "Multilayered Helical Spherical Triboelectric Nanogenerator with Charge Shuttling for Water Wave Energy Harvesting," Small Methods (2023): 2201392. <https://onlinelibrary.wiley.com/doi/abs/10.1002/smt.202201392>
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Special Reading Suggestions

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- Allan Tan, "Supercharging IoT with edge computing," FutrueIoT, February 10, 2023 <https://futureiot.tech/supercharging-iot-with-edge-computing/>
- Shannon Williams, "Global IoT market size set to grow 19% in 2023 - report," IT Brief (Australia), February 9, 2023 <https://itbrief.com.au/story/global-iot-market-size-set-to-grow-19-in-2023-report>
- GlobalData, "IoT innovation: Leading companies in ingestible sensors for the medical devices industry," Medical Device Network, February 6, 2023 <https://www.medicaldevice-network.com/data-insights/innovators-iot-ingestible-sensors-medical-devices/>
- Katherine Latham, "How we fell out of love with voice assistants," BBC, February 3, 2023 <https://www.bbc.com/news/business-64371426>
- John Koon, "Solving Problems With The IoT," Semiconductor Engineering, February 2, 2023 <https://semiengineering.com/solving-problems-with-the-iot/>
- Sean Birell and Carter Hofmann, "To agriculture and beyond: a look at how IoT technology is transcending industry silos," Trade Finance Global, January 31, 2023 <https://www.tradefinanceglobal.com/posts/agriculture-beyond-iot-technology-transcending-industry-silos/>

Selected IoT Perspectives The Connection Between IoT and DevOps

"IoT and DevOps are the latest additions to the information technology sector. DevOps is the combination of 'Development and Operations' while IoT represents the 'Internet of Things'. DevOps is a complete software delivery procedure that emphasizes the collaboration between operations and developers' team. It includes product lifecycle management, developing operations and software professionals."

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- Linda Rosencrance, "Assessing the Advantages of DevOps For IoT Performance Testing," IoT World Today, July 6, 2021 <https://www.iotworldtoday.com/iiot/assessing-the-advantages-of-devops-for-iot-performance-testing>
- Davide 'CoderDave' Benvegnù, "DevOps and IoT: Better TOGETHER!" Dev.to, January 12, 2021 <https://dev.to/n3w70n/devops-and-iot-better-together-pd8>
- Marija Naumovska, "DevOps for Industrial IoT — Why and How?," Microtica, December 21, 2020 <https://www.microtica.com/blog/devops-for-industrial-iot-why-and-how>
- Crystal Bedell, "DevOps Automation: Why It's a Necessity for IoT," IoT World Today, September 17, 2019 <https://www.iotworldtoday.com/connectivity/devops-automation-why-it-s-a-necessity-for-iot>

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