



CHRONICLE OF DIGITAL TRANSFORMATION THROUGH INTERNET OF THINGS TECHNOLOGIES

Some biweekly perspectives from around the globe gathered by CDAIT

(1450 entries since April 1, 2022)
https://cdait.gatech.edu/sites/default/files/2023-07/Digital_Transformation_Through_IoT_Technologies_July_15_2023.pdf

GOVERNANCE & THE INTERNET OF THING

Anat Garty, "Cybersecurity solutions for governments and public sector bodies," Open Access Government, July 12, 2023
<https://www.openaccessgovernment.org/prevent-protect-detect-cybersecurity-solutions-government-bodies/163571/>

European Commission (EC), "Questions and Answers: EU initiative on Web 4.0 and virtual worlds: A head start in the next technological transition," EC, July 11, 2023
https://ec.europa.eu/commission/presscorner/detail/en/qanda_23_3719

Corey Glickman, "Green IoT: The shift to practical sustainability," CIO.com, July 10, 2023
<https://cio.economicstimes.indiatimes.com/news/internet-of-things/green-iot-the-shift-to-practical-sustainability/101654205>

Dr. Andreas Lober and Lennart Kriebel, "EU Data Act: Relevance for companies - IoT and beyond," Lexology, July 5, 2023
<https://www.lexology.com/library/detail.aspx?g=f5847fcb-4f5a-4f7b-8a3a-0a64c9ec57cd>

Staff Reporter, "Smart Technologies in Railways for Enhanced Transportation," Metro Rail News [India], July 4, 2023
<https://www.metrotrainnews.in/smart-technologies-in-railways-for-enhanced-transportation/>

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Biweekly IoT News Digest (07/23 – 1)

Georgia Tech IoT-related Info/Research Noticed by CDAIT

IoT News and Market Reports

(First Half of July 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:
https://cdait.gatech.edu/sites/default/files/2023-07/IoT_News_Filings_July_2023_First_Half.pdf
- Sample list of IoT-related market reports gathered by CDAIT – 80 entries: https://cdait.gatech.edu/sites/default/files/2023-07/IoT_Market_Reports_July_2023_First_Half_o.pdf

- Pecunia, Vincenzo, S. Ravi P. Silva, Jamie Dean Phillips, Elisa Artegiani, Alessandro Romeo, Hongjae Shim, Jongsung Park, Jin-Hyeok Kim, Jae Sung Yun, and Gregory Charles Welch (also includes Zhong Lin Wang (GT)), "Roadmap on Energy Harvesting Materials." Journal of Physics: Materials (2023)
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- Kumar, Srijan. "Advances in AI for web integrity, equity, and well-being." Frontiers in Big Data 6 (2023): 1125083
<https://www.frontiersin.org/articles/10.3389/fdata.2023.1125083/full>
- Michael Pearson, "CDAIT Announces IoT Challenge Competition Winners," GT Ivan Allen College of Liberal Arts, July 5, 2023 <https://iac.gatech.edu/news/item/668352/cdait-announces-challenge-competition-winners>

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https://www.pipelinepub.com/IoT-2023/article_index

Special Reading Suggestions

- Knud Lasse Lueth, "IoT solution development: Build, buy, or a bit of both?," IoT Analytics, July 11, 2023 <https://iot-analytics.com/iot-solution-development/>
- Ankit Patel, "Empowering Lives with Cutting-Edge Medical and Healthcare IoT Solutions," Readwrite, July 11, 2023 <https://readwrite.com/empowering-lives-with-cutting-edge-medical-and-healthcare-iot-solutions/>
- Matt Hatton, "The complexity of the IoT full stack demands a 'Connected-by-Design' approach," IoT Business News, July 10, 2023
<https://iotbusinessnews.com/2023/07/10/98654-the-complexity-of-the-iot-full-stack-demands-a-connected-by-design-approach/>
- Tejaswini Gupta, "IoT-Enabled Waste Management Systems Can Optimise Collection & Recycling: Here's How," abp live, July 10, 2023
<https://news.abplive.com/technology/waste-management-iot-systems-can-optimise-collection-recycling-here-s-how-1614895>
- Lukasz Sitkiewicz, "IoT Tech Expo Europe [September 26-27, 2023, Amsterdam]: Agenda Delivers Beyond Expectations," DevDiscourse, July 7, 2023
<https://www.devdiscourse.com/article/business/2512846-iot-tech-expo-europe-agenda-delivers-beyond-expectations>
- Julia Mitchell, "How to Leverage Edge Computing to Get the Most out of Enterprise IoT Solutions," Technative, July 5, 2023 <https://technative.io/how-to-leverage-edge-computing-to-get-the-most-out-of-enterprise-iot-solutions/>
- Sam Goyal and Dimple Khokhar, "The Internet of Things (IoT) is changing everyday life," The Pioneer, July 3, 2023
<https://www.dailypioneer.com/2023/columnists/the-internet-of-things--iot-is-changing-everyday-life.html>

Selected IoT Perspectives Hyperscale in Internet of Things

"IoT hyperscaler competition is already ramping up, with the news, announced just before Easter [2023], that UK telco BT has expanded its partnership with AWS," Ann-Marie Corvin, "The rise of the IoT hyperscaler – and what this means for the end user," Tech Informed, April 13, 2023
<https://techinformed.com/the-rise-of-the-iot-hyperscaler-and-what-this-means-for-the-end-user/>

- Vanilla Plus posting, "How an MNO becomes a leader in hyperscale IoT connectivity," Vanilla Plus, July 10, 2023
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- Romil Bahl, "What is an IoT Hyperscaler?" YouTube [IoT for All] [video 58"], June 2023 <https://www.youtube.com/watch?v=UktJmdL6FxA>
- Johannes Beekman, "How Hyperscalers Are Changing The Tech Industry," IoT Marketing, April 1, 2023 <https://iottmktg.com/how-hyperscalers-changing-tech-industry/>
- Stacey Higginbotham, "Podcast: What the heck is an IoT hyperscaler?," Stacey on IoT, March 30, 2023 <https://staceyoniot.com/podcast-what-the-heck-is-an-iot-hyperscaler/>
- Mary Zhang, "What is Hyperscale and Who are the Hyperscalers?" Dgtl Infra, March 30, 2023 <https://dgtlinfra.com/hyperscale-and-hyperscalers/>
- Digital Reality posting, "What Is Hyperscale?" Digital Reality, March 9, 2023 <https://www.digitalreality.com/resources/articles/what-is-hyperscale>
- Krupal Raval, "Hyperscalers Expand Beyond Core Locations for Proximity and Speed," Equinix, January 30, 2023
<https://blog.equinix.com/blog/2023/01/30/hyperscalers-expand-beyond-core-locations-for-proximity-and-speed/>
- Sam Brown, "What impact will cloud hyperscalers have on the IoT ecosystem?" Mobile Ecosystem Forum, July 23, 2021
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<https://www.berginsight.com/hyperscalers-play-an-increasingly-important-role-in-the-iot-platforms-market>

Research background info (sample): Mosch, Philipp, Philipp Majocco, and Robert Obermaier. "Contrasting value creation strategies of industrial-IoT-platforms—a multiple case study," International Journal of Production Economics (2023): 108937
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