



GT CDAIT

Biweekly IoT News Digest (03/20 – 2)

March 2020 Highlights

COVID-19 & THE INTERNET OF THINGS

Some Perspectives on the Use of IoT Technologies in Preventing and Monitoring COVID-19 Like Infectious Diseases & Lessons Learned - updated since previous CDAIT IoT news digest of March 16 2020 -

Click on pdf link here:

https://cdait.gatech.edu/sites/default/files/covid-19_iot_january_march_31_2020.pdf

COVID-19 & GEORGIA TECH

Georgia Tech is rapidly addressing scientific, technological and societal challenges arising from the COVID-19 outbreak. The following list is a small sample of current and diverse related work and perspectives from Georgia Tech researchers.

Click on pdf link here:

https://cdait.gatech.edu/sites/default/files/gt_covid_march_2020.pdf

IoT News and Market Reports

(Second Half of March 2020)

- Selected IoT-related announcements and featured activities in the second half of 03/20 from governments; agencies; consortia; alliances; associations; standards, research and other similar groups around the world – 10 entries – See: https://cdait.gatech.edu/sites/default/files/iot_news_filings_march17-31_2020.pdf
- Sample list of IoT-related market reports published in the second half of 03/20 – 60 entries – See: https://cdait.gatech.edu/sites/default/files/iot_market_reports_march17-31_2020.pdf

Special Reading Suggestions

Articles

- Elen Pofeldt, “Hackers’ delight: Small businesses investing more in Internet of Things, less on cybersecurity,” [based on [CNBC|SurveyMonkey Small Business Survey](https://www.cnbc.com/2020/03/04/small-businesses-want-to-invest-more-in-iot-despite-cyberthreats.html)] CNBC website, March 4, 2020, <https://www.cnbc.com/2020/03/04/small-businesses-want-to-invest-more-in-iot-despite-cyberthreats.html>
- Recent research articles on Internet of Things published by Elsevier, Copyright © 2020 Elsevier B.V., <https://www.journals.elsevier.com/internet-of-things/recent-articles>

Books

- 100+ Books on the Internet of Things as of Friday, March 13, 2020, blog maintained by Professor Narayana Rao KVSS at the National Institute of Industrial Engineering, Mumbai, India <https://nraoiekc.blogspot.com/2016/04/browse-100-books-on-internet-of-things.html>
- Security and Privacy in the Internet of Things: Challenges and Solutions, José Luis Hernández-Ramos and Antonio Skarmeta Editors, March 2020 (204 pages) <https://www.iospress.nl/book/security-and-privacy-in-the-internet-of-things-challenges-and-solutions/>
- Daniel Hein, “The Top 9 Internet of Things Books You Need to Read,” Solutions Review, March 17, 2020 <https://solutionsreview.com/mobile-device-management/the-top-9-internet-of-things-books-you-need-to-read/>

IoT-related Events at Georgia Tech

In light of fast evolving circumstances, please check event site for updates

- Call for Papers (UPDATED March 20, 2020) - Special Issue of Assistive Technology following the postponement of the (May) 2020 State of Technology Forum <http://www.wirelessrerc.gatech.edu/call-papers-wireless-inclusive-rerc-state-technology-forum-2020>
- Wed, Aug 12 – Fri, Aug 14, 2020 [moved from April 16-17, 2020]: Southern Data Science Conference (Cobb Galleria Center) – Registration: <https://www.southerndatascience.com/register20>
- Thu, Sep 10, 2020: Georgia Smart Fall Workshop (event is expanded after cancellation of the March 26,2020 event): <https://smartcities.gatech.edu/georgia-smart>

Georgia Tech IoT-related Info/Research Noticed by CDAIT

- “App Detects Harsh Side Effect of Breast Cancer Treatment,” - Ben Brumfield, Georgia Tech Research Horizons, March 16, 2020, <https://rh.gatech.edu/news/633610/app-detects-harsh-side-effect-breast-cancer-treatment> about a research published by Jill M Binkley, Michael J Weiler, Nathan Frank, Lauren Bober, J Brandon Dixon, Paul W Stratford published in Physical Therapy, Volume 100, Issue 3, March 2020, Pages 457–467, <https://doi.org/10.1093/ptj/pzz175>
- “The Internet of Things, 5G and the U.S. Department of Defense Smart Warehouse Project” - Jeff Evans, GTRI and CACP, GT Ivan Allen College of Liberal Arts, presentation at Industry of Things World USA 2020 held in San Diego, CA on March 12-13, 2020 https://cdait.gatech.edu/sites/default/files/industry_of_things_world_san_diego_jeff_evans-final.pdf
- “Cross-Layer Strategic Ensemble Defense Against Adversarial Examples” - Wenqi Wei, Ling Liu, Margaret Loper, Ka Ho Chow, Emre Gursoy, Stacey Truex, Yanzhao Wu, School of Computer Science, College of Computing, Georgia Institute of Technology. This invited paper was presented at the International Conference on Computing, Networking and Communications (ICNC 2020), Big Island, Hawaii, USA, February 17-20, 2020 https://cdait.gatech.edu/sites/default/files/ieee_icnc_submission_2020.pdf

Selected IoT Perspectives

CDAIT Co-Founder and Chair of its Executive Advisory Board Jeff Evans to Keynote IoT Day Online Event Organized by Greater Atlanta Internet of Things (G.A.I.T.) Meetup on April 9, 2020, 6:00pm - 7:00pm: <https://cdait.gatech.edu/news> (free event registration: <https://greateratlantaiotday2020.eventbrite.com>)