

BIBLIOGRAPHY

- Accenture. (2014). *Digital Disruption in Oil and Gas*. Accenture.
- Accenture and Fjord. (2015). *The Era of living spaces*. Accenture.
- Al-Karaki, J., Morabito, G., Chen, K.-C., & Oliveira, J. d. (2014). From M2M communications to the Internet of Things: Opportunities and challenges. *Ad Hoc Networks*, 1.
- Antonic, A., Marjanovic, M., Pripuzic, K., & Zarko, I. P. (2015). A mobile crowd sensing ecosystem enabled by CUPUS: Cloud-based publish/subscribe middleware for the Internet of Things. *Future Generation Computer Systems*, 2.
- Applin, S. A., & Fischer, M. D. (n.d.). Thing Theory: Connecting Humans to Location-Aware Smart Environments. 1-4. United Kingdom: Centre for Social Anthropology and Computing School of Anthropology and Conservation, University of Kent Canterbury.
- Atzori, L., Carboni, D., & Iera, A. (2013). Smart things in the social loop: Paradigms, technologies and potentials. *Ad Hoc Networks*, 1.
- Atzori, L., Iera, A., Morabito, G., & Nitti, M. (2012). The Social Internet of Things (SIoT) – When social networks meet the Internet of Things: Concept, architecture and network characterization. *Computer Networks*, 3594.
- Berre, A. J., Man, H. d., Lew, Y., Elvesæter, B., & Ursin-Holm, B. M. (2013). Open Business Model, Process and Service Innovation with VDML and ServiceML. *IWEI Workshop proceedings, X–No. X/2013*, p. 4.
- Berthon, B. (2015). From Productivity to Outcomes using the Internet of Things to drive future business strategies. *CEO Briefing 2015*. Accenture.
- Bilgeri, D., Brandt, V., Lang, M., Tesch, J., & Weinberger, M. (2015). *The IoT Business Model Builder*. Bosch Software Innovations GmbH.

- Borgia, E. (2014). The Internet of Things vision: Key features, applications and open issues. *Computer Communications*, 2.
- Borgia, E. (2014). The Internet of Things vision: Key features, applications and open issues. *Computer Communications*, 8.
- Bosch. (2014). *Capitalizing on the Internet of Things - how to succeed in a connected world*. Bosch.
- BP. (2016). *BP Statistical Review of World Energy June 2016*. London: BP.
- BPCL. (2016). *BPCL Annual Report*. BPCL.
- BPCL. (2016, December 31). *BPCL Shareholding pattern*. Retrieved February 16, 2017, from BPCL Shareholding pattern: <https://bharatpetroleum.com/pdf/OurFinancial/SHPSdec16web-3321a5.pdf>
- Bradley, J., Barbier, J., & Handler, D. (2013). *Embracing the Internet of Everything To Capture Your Share of \$14.4 Trillion*. Cisco.
- Bucherer, E., & Uckelmann, D. (2011). Business Models for the Internet of Things. *Architecting the Internet of Things*, 256.
- Burke, M., Quigley, M., & Speed, C. (2013). The Internet of Things: Pink Jumpers and Hungarian Eggs in Digital Spaces. *Procedia Technology*, 153.
- Chai, H.-S., Choi, J.-Y., & Jeong, J. (2015). An Enhanced Secure Mobility Management Scheme for Building IoT Applications. *International Workshop on Networking Algorithms and Technologies for IoT*, 586.
- Chen, L., TSENG, M., & LIAN, X. (2010). Development of foundation models for Internet of Things. *Springer*, 384.
- Chunquan, D., & Shunbing, Z. (2012). Research on Urban Public Safety Emergency Management Early Warning System based on Technologies for the Internet of Things. *Procedia Engineering*, 749.
- Cisco. (2013). *The Internet of Everything, Cisco IoE Value Index Study, Frequently Asked Questions*. Cisco.
- Cisco. (2014). *The Internet of Things Reference Model*. Cisco.
- Clarke, K., & Graczyk, D. (2010). India's Downstream Petroleum Sector. *International Energy Agency*, 31.
- DeFeo, C. (2015). Energy Harvesting and the Internet of Things. *Green Information Technology*.

- D'Emidio, T., Dorton, D., & Duncan, E. (2015). *Service innovation in a digital world*. Mckinsey.
- Denecken, S. (2014). *Conquering disruption through digital transformation*.
- Desmet, D., Duncan, E., Scanlan, J., & Singer, M. (2015). *Six building blocks for creating a high-performing digital enterprise*. Mckinsey.
- Dijkman, R., Sprenkels, B., Peeters, T., & Janssen, A. (2015). Business models for the Internet of Things. *International Journal of Information Management*, 672.
- Dimosthenis Kyriazisa, T. V. (2013). Smart, Autonomous and Reliable Internet of Things. *ScienceDirect*.
- Distefano, S., Merlino, G., & Puliafito, A. (2014). A utility paradigm for IoT: The sensing Cloud. *Pervasive and Mobile Computing*, 128.
- Dorner, K., & Edelman, D. (2015). *What digital really means*. Mckinsey.
- Economic Times. (2016, October 20). *Rosneft, BP entry may fuel retail competition in India*. Retrieved February 23, 2017, from Economic Times: <http://economictimes.indiatimes.com/industry/energy/oil-gas/rosneft-bp-entry-may-fuel-retail-competition-in-india/articleshow/54945878.cms>
- Economic Times. (2019, April 13). *Red-Hot Oil Stocks may Cool Down a Bit in the Short Term*. Economic Times.
- Efremov, S., Pilipenko, N., & Voskov, L. (2014). An Integrated Approach to Common Problems in the Internet of Things. *Procedia Engineering*, 1215.
- Ericsson. (2014, July 16). *Ericsson Research Blog - Research, Insights and Technology Reflections*. Retrieved April 21, 2017, from Ericsson Research Blog - Research, Insights and Technology Reflections: <https://www.ericsson.com/research-blog/internet-things/>
- FAN, P.-f., & ZHOU, G.-z. (2011). Analysis of the Business Model Innovation of the Technology of Internet of Things in Postal Logistics. *In Proceedings of industrial engineering and engineering management*, (pp. 532-536).
- Fleisch, E., Weinberger, M., & Wortmann, F. (2014, August). Business Models and the Internet of Things. *Bosch IoT Lab White Paper*.
- Forrester. (2015). *The Internet of Things has the potential to Connect and Transform Businesses*. Forrester.

- Forrester Consulting. (2014). *Internet-of-Things solution deployment gains momentum among firms globally*. Forrester Consulting on behalf of Zebra.
- Fortune Magazine. (2016). *Fortune 500*. Retrieved February 16 , 2017, from Fortune 500: <http://beta.fortune.com/global500/list>
- Gerdes, S., Bormann, C., & Bergmann, O. (2015). Keeping users empowered in a cloudy Internet of Things. *The Cloud Security Ecosystem*, 231.
- Glova, J., Sabol, T., & Vajda, V. (2014). Business Models for the Internet of Things Environment. *Emerging Markets Queries in Finance and Business*, 1128.
- GOI. (2015). *Draft Policy on Internet of Things*. Department of Electronics & Information Technology(DeitY) Ministry of Communication and Information Technology Government of India.
- Gubbi, J., Buyya, R., Marusic, S., & Palaniswami, M. (2013). Internet of Things (IoT): A vision, architectural elements, and future directions. *Future Generation Computer Systems*, 1646.
- Guest, G., Bunce, A., & Johnson, L. (2006). *How many interviews are enough? An experiment with data saturation and variability*. *Field Methods*.
- Guo, B., Zhang, D., Wang, Z., Zhiwen, Y., & Xingshe, Z. (2013). Opportunistic IoT: Exploring the harmonious interaction between human and the internet of things. *Journal of Network and Computer Applications*, 1531.
- Hair, J., Anderson, R., Tatham, R., & Black, W. (1998). *MRC CBSU Wiki*. Retrieved from <http://imaging.mrc-cbu.cam.ac.uk/statswiki/FAQ/thresholds>
- Holdowsky, J., Mahto, M., Raynor, M. E., & Cotteleer, M. (2015). *Inside the Internet of Things*.
- Holler, J., Tsiatsis, V., Mulligan, C., Karnouskos, S., Avesand, S., & Boyle, D. (2014). M2M and IoT Technology Fundamentals. *From Machine-to-Machine to the Internet of Things: Introduction to a New Age of Intelligence.*, 127.
- HPCL. (2016). *HPCL Annual Report*. HPCL.
- IBM. (2013). *Energy excellence - Maximizing returns in the oil and gas industry*. IBM.
- Intel. (2014). *Developing Solutions for the Internet of Things*. Intel.

- IOCL. (2016). *IOCL Annual Report 2015-16*. IOCL.
- Jankowski, S., Covello, J., Bellini, H., Ritchie, J., & Costa, D. (2014). *The Internet of Things: Making sense of the next mega-trend*. Goldman Sachs.
- Joshi, H., & Kapania, H. (2013). *Machine-to-Machine: Vision 2020 Is India ready to seize a USD 4.5 trillion M2M opportunity?* Deloitte and MITSOT.
- Kaiser, H., & Rice, J. (1974). Little Jiffy Mark IV. *Journal of Educational and Psychological Measurement*, 111-117.
- Kaka, N., Madgavkar, A., Manyika, J., Bughin, J., & Parameswaran, P. (2014). *India's technology opportunity: Transforming work, empowering people*. Mckinsey.
- Kaplan, R. S., & Norton, D. P. (1996). *The Balanced Scorecard: Translating Strategy into Action*. Boston: Harvard Business School.
- Karatza, H. D., & Mavromoustakis, C. X. (2013). Special Issue on Simulation-based Performance Evaluation of Infrastructures for the Internet of Things: Connectivity and resource considerations in the mobility Era. *Simulation Modelling Practice and Theory*, 157.
- Ke Rong, G. H. (2014). Understanding business ecosystem using a 6C framework in Internet-of-Things-based sectors. *ScienceDirect*.
- Kiritsis, D. (2010, March). Closed-loop PLM for intelligent products in the era of the Internet of things. *Computer-Aided Design*, 480.
- Kisker, H., Mendel, T., & Lisserman, M. (August 13, 2010). *The Digital Drop: IT Opportunities in The Oil And Gas Industry*. Forrester Research Inc.
- Lee, I., & Lee, K. (2015). The Internet of Things (IoT): Applications, investments and challenges for enterprises. 434. USA: Kelly School of Business, Indiana University.
- Li, B., & Yu, J. (2011). Research and Application on the Smart Home Based on Component Technologies and Internet of Things. *Advanced in Control Engineering and Information Science*, 2087.
- Li, H., & Xu, Z.-z. (2013). Research on Business Model of Internet of Things based on MOP. *In Proceedings of the international Asia conference on industrial engineering and management innovation*. Berlin-Heidelberg, Germany: Springer.

- Liu, C., Yang, C., Zhang, Z., & Chen, J. (2015). External integrity verification for outsourced big data in cloud and IoT: A big picture. *Future Generation Computer Systems*, 59.
- Liu, L., & Jia, W. (2010). Business model for drug supply chain based on the Internet of Things. In *Proceedings of the international conference on network infrastructure* (pp. 982-986). IEEE Press.
- Livemint. (2014, November 20). *Livemint*. Retrieved April 24, 2017, from <http://www.livemint.com/Industry/Ha6Pn7zvY4sKOWf7cyZmTP/Potential-of-Internet-of-Things-in-India.html>
- Lopez Research. (2013). *An Introduction to the Internet of Things (IoT)*.
- Lund, D., Turner, V., MacGillivray, C., & Morales, M. (2015). *Worldwide and Regional Internet of Things (IoT) 2014-2020 Forecast: A Virtuous Circle of Proven Value and Demand*. IDC.
- Malhotra, N. (2010). *Marketing Research: An Applied Orientation*. Pearson Education.
- Manu, A. (2014). *Value Creation and the Internet of Things - How the Behavior Economy will shape the 4th Industrial Revolution*. Gower.
- Manyika, J., & McAfee, A. (2014). *Why every leader should care about digitization and disruptive innovation*. McKinsey.
- Manyika, J., Bughin, J., Lund, S., Nottebohm, O., Poulter, D., Jauch, S., et al. (2014). *Global flows in a digital age: How trade, finance, people, and data connect the world economy*. McKinsey.
- Manyika, J., Chui, M., Bisson, P., Woetze, J., Dobbs, R., Bughin, J., et al. (2015). *The internet of things - Mapping the value beyond the hype*. McKinsey Global Institute.
- Manyika, J., Chui, M., Bughin, J., Dobbs, R., Bisson, P., & Marrs, A. (2013). *Disruptive technologies: Advances that will transform life, business, and the global economy*. McKinsey Global Institute.
- Mashal, I., Alsaryrah, O., Chung, T.-Y., Yang, C.-Z., Kuo, W.-H., & Agrawal, D. (2015). Choices for interaction with things on Internet and underlying issues. 71.
- McAvey, R., Eriksen, L., & Steenstrup, K. (2014). *Top 10 Technology Trends Impacting the Oil and Gas Industry in 2014*. IDC.

- Meunier, F., Wood, A., Weiss, K., Huberty, K., Flannery, S., Moore, J., et al. (2014). *The 'Internet of Things' is Now Connecting the Real Economy*. Morgan Stanley.
- Microsoft. (n.d.). *Customer Stories - Kwik Chek*. Retrieved February 21, 2017, from Customer Stories: <https://www.microsoft.com/en-us/cloud-platform/customer-stories-kwik-chek>
- Ministry of Petroleum and Natural Gas. (2016). *Indian Petroleum and Natural Gas Statistics 2015-16*. New Delhi: Ministry of Petroleum and Natural Gas.
- Miorandi, D., Sicari, S., Pellegrini, F., & Chlamtac, I. (2012, April 21). Internet of things: Vision, applications and research challenges. *Ad Hoc Networks*, 1497.
- Mitton, N., & Simplot-Ryl, D. (2011). From the Internet of things to the Internet of the physical world. *Academie des sciences*, 673.
- Moriarty, R., O'Connell, K., Smit, N., Noronha, A., & Barbier, J. (2015). *A New Reality for Oil and Gas*. Cisco.
- Nanterme, P., & Daugherty, P. (2016). *Accenture Technology Vision 2016*. Accenture.
- Nguyen, K. T., Laurent, M., & Oualha, N. (2015). Survey on secure communication protocols for the Internet of Things. *Ad Hoc Networks*, 18.
- Noronha, A., Moriarty, R., O'Connell, K., & Villa, N. (2014). *Attaining IoT Value: How To Move from Connecting Things to Capturing Insights*. Cisco.
- Nunnally, J., & Bernstein, L. (1994). *Psychometric theory* (Vol. 3rd edition). New York, USA: McGrawHill.
- Olanrewaju, T., & Willmott, P. (2013). *Finding your digital sweet spot*. Mckinsey.
- Openshaw, E., Hagel, J., Wooll, J., Wigginton, C., Brown, J. S., & Banerjee, P. (2014). *The Internet of Things Ecosystem: Unlocking the Business Value of Connected Devices*. Deloitte.
- Osterwalder, A., & Pigneur, Y. (2009). *Business Model Generation: A handbook for visionaries, game changers and challengers*. John Wiley & Sons.
- Parikh, K., Singh, P., Garg, D., Barua, P., & Singh, R. (October 2013). *Report of the Expert Group to Advise on Pricing Methodology of Diesel, Domestic LPG and PDS Kerosene*. New Delhi: GOI.

- Parker, R., Bigliani, R., Ditton, E., Feblowitz, J., & Niven, C. (2015). *IDC FutureScape: Worldwide Oil & Gas 2015 Predictions*. IDC.
- Parker, R., Bigliani, R., Ditton, E., Feblowitz, J., & Niven, C. (2015). *Worldwide Oil and Gas 2015 Predictions*. IDC.
- Patel, P., & Cassou, D. (2015). Enabling high-level application development for the Internet of Things. *The Journal of Systems & Software*, 1.
- Peoples, C., Parr, G., McClean, S., Scotney, B., & Morrow, P. (2013). Performance evaluation of green data centre management supporting sustainable growth of the internet of things. *Simulation Modelling Practice and Theory*, 1.
- Pereira, B. A., & Caetano, M. (2015). A conceptual business model framework applied to air transport. *Journal of Air Transport Management*, 71.
- Perrons, R., & Hems, A. (2013). Cloud computing in the upstream oil & gas industry: A proposed way forward. *Energy Policy*, 734.
- Perrons, R., & Jensen, J. (2015). Data as an asset: What the oil and gas sector can learn from other industries about “Big Data”. *Energy Policy*, 119.
- Porter, M. (1980). *Competitive Strategy - Techniques for analyzing industries and competitors*. The Free Press.
- Psannis, K., S., X., & A., S. (2014). Convergence of Internet of things and mobile cloud computing. *Systems Science & Control Engineering: An Open Access Journal*, 476.
- Purdy, M., & Davarzani, L. (2015). *The Growth Game-Changer: How the Industrial Internet of Things can drive progress and prosperity*. Accenture.
- PwC. (2015). *Let's Energise - Meeting India's growing fuel demand*. PwC.
- Ramanathan, P. (2015). *TECHCONNECT Internet of Things in the Mining Industry*. IGATE.
- Reaidy, P., Gunasekaran, A., & Spalanzani, A. (2014). Bottom-up approach based on Internet of Things for order fulfillment in a collaborative warehousing environment. *International Journal of Production Economics*, 1.
- Reddy, A. S., & Benedict, K. (2014). *Reaping the Benefits of the Internet of Things*. Cognizant. Cognizant.

- RTInsights Team. (n.d.). Retrieved February 20, 2017, from Keeping Fuel Flowing: Saving \$300,000 a Day With Industrial IoT: <https://www.rtinsights.com/industrial-iot-oil-and-gas-rockwell/>
- Samani, A., Ghenniwa, H. H., & Wahaishi, A. (2015). Privacy in Internet of Things: A Model and Protection Framework. *Procedia Computer Science*, 606.
- SAP. (2014). *SAP Brings You the Internet of Things for Business*. SAP.
- SAP. (2014). *SAP Solutions for the Internet of Things - Built for your business*. SAP.
- SAP. (2014). *The CEO Perspective: Internet of Things for Oil and Gas*. SAP.
- SAP. (2016). *Digital Disruption - How digital technology is transforming our world*. SAP.
- SAP. (n.d.). *SAP Partners With VW and Shell to Build Connected Car Apps*. Retrieved February 21, 2017, from https://www.programmableweb.com/news/sap-partners-vw-and-shell-to-build-connected-car-apps/2014/11/11?utm_source=dlvr.it&utm_medium=twitter
- Sarrazin, H., & Sikes, J. (2011). *Competing in a digital world: Four lessons from the software industry*. McKinsey.
- Schatz, B., Gladyshev, P., & Knijff, R. M. (2014). The internet of things: Interconnected digital dust. *Digital Investigation*, 141.
- Shen, F., Liu, L., & Palesi, M. (2015). Introduction to the special issue on “Emerging research in Internet of Things”. *Computers and Electrical Engineering*, 104.
- Shih, S., Hsu, S., Zhu, Z., & Balasubramanian, S. (2012, January 16). Knowledge sharing—A key role in the downstream supply chain. *Information and Management*, 70.
- Shin, D. (2014). A socio-technical framework for Internet-of-Things design: A human-centered design for the Internet of Things. *Telematics and Informatics*, 522.
- Shin, D. (2014). A socio-technical framework for Internet-of-Things design: A human-centered design for the Internet of Things. *Telematics and Informatics*, 519.

- Shrouf, F., & Miragliotta, G. (2015). Energy management based on Internet of Things: practices and framework for adoption in production management. *Journal of Cleaner Production*, 235.
- Shukla, S., & Sornalakshmi, K. (2013). Internet of Things: Rule Based Event Management. *International Journal of Science and Research (IJSR)*, 1214.
- Sicari, S., Rizzardi, A., Grieco, L., & Coen-Porisini, A. (2014). Security, privacy and trust in Internet of Things: The road ahead. *Computer Networks*, 17.
- Siemens. (n.d.). *Internet of Things - Facts and Forecasts: Billions of Things, Trillions of Dollars*. Retrieved February 17, 2017, from Internet of Things - Facts and Forecasts: Billions of Things, Trillions of Dollars: <http://www.siemens.com/innovation/en/home/pictures-of-the-future/digitalization-and-software/internet-of-things-facts-and-forecasts.html>
- Slaughter, A., Bean, G., & Mittal, A. (2015). *Connected Barrels - Transforming Oil and Gas strategies with the Internet of Things*. Deloitte, Deloitte Center for Energy Solutions. Deloitte.
- Streiner, D. L. (2003). Starting at the beginning: an introduction to coefficient alpha and internal consistency. *Journal of Personality Assessment*, 80, 99-103.
- Sun, E., Zhang, X., & Li, Z. (2011). The internet of things (IOT) and cloud computing (CC) based tailings dam monitoring and pre-alarm system in mines. *Safety Science*, 812.
- Sun, Y., Yan, H., Lu, C., Bie, R., & Thomas, P. (2012). A holistic approach to visualizing business models for the internet of things. *Communications in Mobile Computing*, 4-5.
- TOTAL. (n.d.). *TOTAL Marketing Services*. Retrieved February 21, 2017, from <http://academicpositions.eu/employer/total-marketing-services/>
- Tuli, V., & Khera, A. (2014). *India: Towards Energy Independence 2030*. Mckinsey.
- Vagias, & Wade, M. (2006). Likert-type scale response anchors.
- Verdeva. (n.d.). Retrieved February 21, 2017, from <https://www.fundable.com/Verdeva>
- Weinberg, B., Milne, G., Andonova, Y., & Hajjat, F. (2015). Internet of Things: Convenience vs. privacy and secrecy. *Kelley School of Business, Indiana University*.

- Willmott, P. (2013). *The digital enterprise*. Mckinsey.
- Willmott, P. (2015). *Want to become Agile? Learn from your IT team*. Mckinsey.
- World Refining Association. (2015). *2015 Global Economics & The Downstream Industry Report*. World Refining Association.
- Yamane, T. (1967). *Statistics: An Introductory Analysis* (Vol. 2nd Ed.). New York: Harper and Row.