

**“PUT YOUR HEAD ON A BLOCKCHAIN” –
STRATEGIES FOR EMPLOYING EMERGENT TECHNOLOGIES FOR BUSINESS AND
SOCIETY**

Syllabus, February 6, 2019 (may be updated during the course)

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Emerging technologies are like block chains. What are they good for? Am I too late in adopting the technology? What are its disruptive implications? - Articulate a point-of-view and experiment with application ideas. Engage in critical discussion about business and societal implications. And finally, present your point-of-view to stakeholder audiences.

Class participation is mandatory with one absence potentially excused.

Grading:

Team-based performance – presentations & materials: 50%

Peer evaluation in teams: 50%

Please read the assigned materials prior to class.

AGENDA:

Thu 28.02.19 09:15-12:00	Introductions & Novelty and Innovation (and Yes! Blockchain)
Thu 07.03.19 09:15-12:00	Hype and Cryptocurrencies <ul style="list-style-type: none">- With a Presentation by Akseli Grym, Bank of Finland
Thu 14.03.19 09:15-12:00	Digital technologies / Artificial Intelligence and Business and Societal Change <ul style="list-style-type: none">- With Presentations by Tommi Joentakanen, Reaktor and Dr. Hannu Kemppainen, Business Finland
Thu 21.03.19 09:15-12:00	Group Work & Presentations: ‘Put Your Head on A Blockchain’ / Tesla Forum <ul style="list-style-type: none">- With Presentation by Kalle Raita, Curious AI
Thu 28.03.19 09:15-12:00	Utopias/Dystopias and Collective Organizing with Emerging Technologies <ul style="list-style-type: none">- Case Robin Hood Asset Management Coop (read Väläkangas & Carlsen, forthcoming)

- On Fintech, With Presentation by Nina Rudanko, Fintech Finland
- Greenpeace / Climate Change, With Presentation by Sini Harkki, Greenpeace

Thu 04.04.19 09:15-17:00

Summit & Contributions

- Moments of Decision: by Emma Jelley, Fondia, and others

INTRODUCTORY READINGS ON BLOCKCHAIN:

The Wired Guide to the Blockchain: <https://www.wired.com/story/guide-blockchain/>

Beyond the Bitcoin Bubble - The New York Times:

<https://www.nytimes.com/2018/01/16/magazine/beyond-the-bitcoin-bubble.html>

The blockchain paradox: Why distributed ledger technologies may do little to transform the economy, Oxford Internet Institute: <https://www.oii.ox.ac.uk/blog/the-blockchain-paradox-why-distributed-ledger-technologies-may-do-little-to-transform-the-economy/>

2018 Is Going To Be A Massive Year For Blockchains, The Tech Behind Bitcoins, Fast Company: <https://www.fastcompany.com/40502720/2018-is-going-to-be-a-massive-year-for-the-blockchain-the-tech-behind-bitcoins>

The future of blockchain: Learning from things yet to happen:

<https://www.openaccessgovernment.org/the-future-of-blockchain-learning-from-things-yet-to-happen/39546/>

The March of the Technocrats, Financial Times, February 20, 2018:

<https://www.ft.com/content/df695f10-154d-11e8-9376-4a6390addb44>

The Meaning of the Blockchain, The Economist, Jan 8, 2019:

<https://www.economist.com/open-future/2019/01/08/the-meaning-of-the-blockchain>

THE TESLA FORUM in *Management and Organization Review*, Vol. 14, Issue, 3, 2018

Välikangas, L. 2018. Forum on Tesla and the Global Automotive Industry

Perkins, G. & Murmann, P. 2018. What Does the Success of Tesla Mean for the Future Dynamics in the Global Automobile Sector?

MacDuffie, J. 2018. Response to Perkins and Murmann: Pay Attention to What Is and Isn't Unique about Tesla

Jiang, H. & Lu, F. 2018. To Be Friends, Not Competitors: A Story Different from Tesla Driving the Chinese Automobile Industry

Teece, D. 2018. Tesla and the Reshaping of the Auto Industry

OTHER READINGS:

Danneels, E. 2004. Disruptive Technology Reconsidered: A Critique and Research Agenda, *The Journal of Product Innovation Management*, 21:4, 246-258.

Hagel, J., Brown, J.S. & Davison, L. 2008. Shaping Strategy in a World of the Constant Disruption, *Harvard Business Review*, 86:10, 80-89.

March, J. 2006. Rationality, Foolishness, and Adaptive Intelligence, *Strategic Management Journal*, 27:3, 201-214.

Välikangas, L. & Carlsen A. Spitting in the Salad: Minor Rebellion as Institutional Agency, *Organization Studies*, forthcoming.

Välikangas, L. & Gibbert, M. 2016. Learning lessons in strategic novelty from outliers, *Strategy & Leadership*, 44:2: 25 – 30.

MEDIA:

Risto Siilasmaa on Machine Learning: <https://www.youtube.com/watch?v=KNMy7NCQDgk>

The Alan Turing Institute: AI for Social Good: <https://www.turing.ac.uk/events/ai-social-good>