

# Selected List of Publications Dr. Frank H. P. Fitzek

a full list of all publications can be obtained at [www.fitzek.net](http://www.fitzek.net)

## Books

- [1] F.H.P. Fitzek, D. Lucani, M. V. Pedersen, J. Heide, and M. Medard, *Network Coding: from Theory to Practice*, Wiley, 2015.
- [2] F.H.P. Fitzek and M. Katz, *Mobile Clouds - Exploiting Distributed Resources in Wireless, Mobile and Social Networks*, Wiley, 2014, translated in Chinese.
- [3] F.H.P. Fitzek, T. Mikkonen, and T. Torp, Eds., *QT for Symbian*, ISBN 978-0-470-69. Wiley, Mar. 2010.
- [4] F.H.P. Fitzek and H. Charaf, Eds., *Mobile Peer to Peer: A Tutorial Guide*, ISBN 978-0-470-69992-8. Wiley / Symbian Press, May 2009.
- [5] M. Katz and F.H.P. Fitzek, Eds., *WiMAX Evolution: Emerging Technologies and Applications*, ISBN 978-0-470-69680-4. Wiley, Dec. 2008.
- [6] F.H.P. Fitzek and M. Katz, Eds., *Cognitive Wireless Networks: Concepts, Methodologies and Visions Inspiring the Age of Enlightenment of Wireless Communications*, ISBN 978-1-4020-5978-0. Springer, July 2007, translated in Chinese.
- [7] F.H.P. Fitzek and F. Reichert, Eds., *Mobile Phone Programming and its Application to Wireless Networking*, Number 10.1007/978-1-4020-5969-8 in ISBN 978-1-4020-5968-1. Springer, June 2007.
- [8] F.H.P. Fitzek and M. Katz, *Cooperation in Wireless Networks: Principles and Applications – Real Egoistic Behavior is to Cooperate!*, ISBN 1-4020-4710-X. Springer, Apr. 2006, translated in Chinese.
- [9] P. Seeling, F.H.P. Fitzek, and M. Reisslein, *Video Traces For Network Performance Evaluation – A Comprehensive Overview and Guide on Video Traces and Their Utilization in Networking Research*, ISBN 978-1-4020-5565-2. Springer, Dec. 2006.

## Book Chapters

- [1] Q. Zhang and F.H.P. Fitzek, *Mission Critical IoT Communication in 5G*, vol. 159 of *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, chapter 1, pp. 35–41, Springer International Publishing, 2015.
- [2] P. Seeling, F.H.P. Fitzek, D. Lucani, M. Katz, and M.P. Pedersen, *Mobile Clouds: Technology and Services for Future Communication Platforms*, chapter 1, pp. 125–148, Wiley, 6 2015.
- [3] H. Bagheri, M. Katz, F.H.P. Fitzek, D.E. Lucani, and M.V. Pedersen, *D2D-based Mobile Clouds for Energy- and Spectral-Efficient Content Distribution*, chapter x, pp. 237–280, Springer, 2014, Book title: Smart Device to Smart Device Communication.
- [4] J. Heide, M.V. Pedersen, F.H.P. Fitzek, and T. Larsen, *Network Coding in the Real World*, chapter 4, pp. 87–114, Academic Press, oct 2011.
- [5] Q. Zhang, J. Heide, M.V. Pedersen, F.H.P. Fitzek, J. Lilleberg, and K. Rikkinen, *Network Coding and User Cooperation for Streaming and Download Services in LTE Networks*, chapter 5, pp. 115–140, Academic Press, oct 2011.
- [6] C. Varga, L. Blazovics, H. Charaf, and F.H.P. Fitzek, *Social Networks: Computational Aspects and Mining – User cooperation, virality and gaming in a social mobile network: the Gedda-Headz concept*, chapter 23, p. 1, Springer, 2011.
- [7] F.H.P. Fitzek, T. Torp, and T. Mikkonen, *Introduction and Motivation – Qt for Symbian*, ISBN 978-0-470-75010-0 1, Wiley, 2010.
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- [9] T. Mikkonen, T. Torp, and F.H.P. Fitzek, *Qt Mobility APIs – Qt for Symbian*, ISBN 978-0-470-75010-0 4, Wiley, 2010.
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- [11] F.H.P. Fitzek and H. Charaf, *Introduction - Mobile Peer to Peer Networks: A Tutorial Guide*, ISBN 978-0-470-69992-8 1, Wiley, 2009.
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## Patents

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