

- [2] W. Liu and E. K. Park, "Big data as an e-health service," *2014 Int. Conf. Comput. Netw. Commun. ICNC 2014*, pp. 982–988, 2014.
- [3] W. Liu, E. K. Park, and S. S. Zhu, "E-Health PST (privacy, security and trust) mobile networking infrastructure," *Proc. - Int. Conf. Comput. Commun. Networks, ICCCN*, pp. 1–6, 2014.
- [4] A. Michalas, N. Paladi, and C. Gehrman, "Security aspects of e-Health systems migration to the cloud," *2014 IEEE 16th Int. Conf. e-Health Networking, Appl. Serv. Heal. 2014*, pp. 212–218, 2014.
- [5] K. Christopher, D. Curtis, and O. T. Ertem, "Security Architecture," p. 69, 2001.
- [6] S. Han, G. Skinner, V. Potdar, and E. Chang, "A framework of authentication and authorization for e-health services," p. 105, 2007.
- [7] K. Elmufti, D. Weerasinghe, M. Rajarajan, V. Rakocevic, and S. Khan, "Timestamp authentication protocol for remote monitoring in eHealth," *Proc. 2nd Int. Conf. Pervasive Comput. Technol. Healthc. 2008, PervasiveHealth*, pp. 73–76, 2008.
- [8] G. Russello, C. Dong, and N. Dulay, "A workflow-based access control framework for e-Health applications," *Proc. - Int. Conf. Adv. Inf. Netw. Appl. AINA*, pp. 111–120, 2008.
- [9] W. Liu and E. K. Park, "e-Healthcare security solution framework," *2012 21st Int. Conf. Comput. Commun. Networks, ICCCN 2012 - Proc.*, pp. 1–6, 2012.
- [10] S. D. Cannoy and A. F. Salam, "A framework for health care information assurance policy and compliance," *Commun. ACM*, vol. 53, no. 3, p. 126, 2010.
- [11] *Welcome to BBCR Group* [online]. Copyright ©2009. Available from: <https://bbcr.uwaterloo.ca/~x27liang/seehealthbib.htm>

Biographies

Michal Švehla is a student of doctoral study program at faculty of Electrical Engineering University of West Bohemia in Pilsen. He is in first year of this program. Before doctoral study he earned Bachelor and Master degree in the same University as mentioned above. His research interests include e-Health/healthcare, processes, optimization.

Jiří Tupa received his MSc (2002) and PhD (2006) in Electrical Engineering from Faculty of Electrical Engineering, University of West Bohemia in Pilsen in Czech Republic. He is a Vice-dean of faculty and Senior Lecturer at Department of Technologies and Measurement. Dr. Tupa is member of executive management at Regional Innovation Centre for Electrical Engineering of the Faculty of Electrical Engineering at the University of West Bohemia in Pilsen. He is also PhD supervisor, reviewer of journal and conference publications and co-organizer of conferences.

His research interests include Business Process Management, Quality Management, Risk and Performance Management in Electrical Engineering Industry, Industrial Engineering, Electronics Manufacturing and Diagnostics, Financial and Project Management, Copyrights and patents law, information law and transfer of IPR. Jiri Tupa is responsible for several international research and development projects with industrial and University partners.