Prof. Timo Hämäläinen: List of publications. 15th of Sept. 2021

Peer-reviewed journal papers:


2. Liu, Wenya; Wang, Xiulin; Xu, Jing; Chang, Yi.; Hämäläinen, Timo; Cong, Fengyu: Identifying Oscillatory Hyperconnectivity and Hypoconnectivity Networks in Major Depression Using Coupled Tensor Decomposition. IEEE Transactions on Neural Systems and Rehabilitation Engineering, Early Access, http://doi.org/10.1109/tnsre.2021.311156


33. A. Sayenko, T. Hämäläinen, J. Joutsensalo, L. Kannisto, "Comparison and analysis of the revenue-based adaptive queuing models", *Journal of Computer Networks, Special Issue on Quality of Service, 2006.*


**Peer-reviewed international conference papers:**


11


143. V. Tykhomyrov, A. Sayenko, O. Puchko and T. Hämäläinen, "Decreasing the map overhead in the IEEE 802.16 OFDMA System", Proc. of the 16th European Wireless Conference, April 12-15, 2010, Italy


148. Andrey Garnaev, Timo Hämäläinen, Mikhail Zolotukhin, "A Stackelberg tariff game between provider, a primary and a secondary user”, in Proc. of Fifth International Conference on Game Theory and Management (GTM2011) on June, 27-29, 2011, St. Petersburg, Russia


150. J. Kellokoski, O. Ivannikov, T. T. Hämäläinen, and K. Luostarinen, Location-based Service with Spatial Data Analysis within IP Multimedia Subsystem, in Proc. of The Third International Conference on Advances in Future Internet, AFIN 2011, August 21-27, 2011 - French Riviera, France


154. MGS. Sriyananda, T. Hämäläinen and J. Joutsensalo, Blind Source Separation for OFDM with Filtering Colored Noise Out, in Proc. of The inaugural IEEE


174. Jari Kellokoski, Joonas Koskinen, Tuomas Rusanen, Pasi Kalliolahti and Timo Hämäläinen, “Proxy Mobile IPv6-based Seamless Handover”, *The 18th IEEE*


186. Tero Kokkonen; Timo Hämäläinen; Marko Silokunnas; Jarmo Siltanen; Mikhail Zolotukhin; Mikko Neijonen: “Analysis of Approaches to Internet Traffic Generation for Cyber Security Research and Exercise”, *The 15th International Conference on Next Generation Wired/Wireless Advanced Networks and Systems, NEW2AN 2015*, August 26-28, 2015 St. Petersburg, Russia


197. Sanjay Kumar, Timo Hämäläinen ja Ari Viinikainen, “Machine Learning Classification Model For Network Based Intrusion Detection System”, 11th International Conference for Internet Technology and Secured Transactions (ICITST), 2016, 5-7 Dec. 2016, Barcelona, Spain


213. Sanjay Kumar, Ari Viinikainen and Timo Hämäläinen, “A network-based framework for mobile threat detection”, The 1st IEEE International Conference on Data Intelligence and Security (ICDIS 2018), 8-10 April 2018, South Padre Island, USA


221. Olli Vaananen and Timo Hämäläinen, "Compression Methods for Microclimate Data Based on Linear Approximation of Sensor Data”, The 19th International Conference on Next Generation Wired/Wireless Advanced Networks and Systems NEW2AN 2019, August 26 - 28, 2019, St.Petersburg, Russia


228. Olli Vaananen and Timo Hämäläinen, "Sensor Data Stream on-line Compression with Linearity-based Methods", IEEE International Conference on Smart Computing (SMARTCOMP), 2020


