

Publications of Alejandro Hevia by year

Year 2010

1. Philippe Camacho, Alejandro Hevia. On the Impossibility of Batch Update for Cryptographic Accumulators. In Michel Abdalla, Paulo Barreto (ed.), *Proc. 1st International Conference on Cryptology and Information Security in Latin America (LATINCRYPT)*, pp. 178-188, Aug 2010. Puebla, Mexico. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 6212. ISBN 978-3-642-14711-1.
2. Gaston L'Huillier, Alejandro Hevia, Richard Weber, Sebastián A. Ríos. Latent Semantic Analysis and Keyword Extraction for Phishing Classification. In Christopher C. Yang, Daniel Zeng, Ke Wang, Antonio Sanfilippo, Herbert H. Tsang, Min-Yuh Day, Uwe Glässer, Patricia L. Brantingham, Hsinchun Chen (ed.), *Proc. IEEE International Conference on Intelligence and Security Informatics (ISI)*, pp. 129-131, May 2010. Vancouver, BC, Canada. IEEE Press, Piscataway, NJ, USA. ISBN 978-1-4244-6460-9.
3. Gilles Barthe, Alejandro Hevia, Zhengqin Luo, Tamara Rezk, Bogdan Warinschi. Robustness Guarantees for Anonymity. In Andrew Myers, Michael Backes, Graham Steel, Jonathan Herzog (ed.), *Proc. 23th Computer Security Foundations Symposium (CSF)*, pp. 91-106, Jul 2010. Edinburgh, UK. IEEE Computer Society Press, Los Alamitos, CA, USA. ISBN 978-0-7695-4082-5.

Year 2012

1. Philippe Camacho, Alejandro Hevia. Short Transitive Signatures for Directed Trees. In Orr Dunkelman (ed.), *Proc. 13th The Cryptographer's Track at RSA Conference (CT-RSA)*, pp. 35-50, Feb 2012. San Francisco, CA. Springer, New York, NY, USA. Lecture Notes in Computer Science vol. 7178.
2. Philippe Camacho, Alejandro Hevia, Marcos Kiwi, Roberto Opazo. Strong accumulators from collision-resistant hashing. *International Journal of Information Security (IJIS)* 11(5):349-363, 2012. Springer-Verlag, Berlin/Heidelberg, Germany. ISSN 1615-5262.
3. Alejandro Hevia, Gregory Neven, ed. *Proceedings of the 2nd International Conference on Cryptology and Information Security in Latin America (LATINCRYPT)*, Jul 2012. Santiago, Chile. Springer-Verlag, Berlin/Heidelberg, Germany. ISBN 978-3-642-33480-1. Lecture Notes in Computer Science vol. 7533.

Year 2014

1. Jorge Bahamonde, Javier Bustos-Jiménez, Giselle Font, Camila Montero, Alejandro Hevia. Mining Private Information from Public Data: The Transantiago Case. *IEEE Pervasive Computing (IEEEPC)* 13(2):37-43, Apr 2014. IEEE Computer Society Press, Los Alamitos, CA, USA. ISSN 1536-1268.

Year 2015

1. Pablo Garcia, Jeroen Van de Graaf, Alejandro Hevia, Alfredo Viola. Beating the Birthday Paradox in Dining Cryptographer Networks. In Diego F. Aranha, Alfred Menezes (ed.), *Proc. 4th International Conference on Cryptology and Information Security in Latin America (LATINCRYPT)*, pp. 179-198, Sep 2014. Florianópolis, Brazil. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 8895. ISBN 978-3-319-16294-2.
2. Alonso Gonzalez, Alejandro Hevia, Carla Rafols. QA-NIZK Arguments in Asymmetric Groups: New Tools and New Constructions. In T. Iwata, J.H.Cheon (ed.), *Proc. 21st International Conference on the Theory and Application of Cryptology and Information Security (ASIACRYPT)*, pp. 605-629, Nov 2015. New Zealand. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 9452. ISBN 978-3-662-48797-6.

Year 2016

1. Giselle Font, Javier Bustos-Jiménez, Alejandro Hevia. Location Privacy for a Monitoring System of the Quality of Access to Mobile Internet. *IEEE Latin America* 13(2):2894-2896, Jun 2016. IEEE Press, Piscataway, NJ, USA.
2. Francisco Cifuentes, Alejandro Hevia, Francisco Montoto, Tomas Barros, Javier Bustos-Jiménez. Poor Man's Hardware Security Module (pmHSM): A Threshold Cryptographic Backend for DNSSEC. In *Proc. Latin America Networking Conference (LANC)*, 2016. ACM Press, New York, NY, USA.

Year 2018

1. Alonso Gonzalez, Alejandro Hevia. A Second Note on the Feasibility of Generalized Universal Composability. *Mathematical Structures in Computer Science (MSCS)* 28(2), Feb 2018. Cambridge University Press, Cambridge, UK. ISSN 0960-1295.

Year 2020

1. Alejandro Hevia, Camilo Gómez. Why Me?: Shedding Light on Random Processes via Randomness Beacons. *Communications of the ACM (CACM)* 63(11):49-50, Nov 2020. ACM Press, New York, NY, USA. ISSN 0001-0782.
2. Daniel Soto, Alexandre Bergel, Alejandro Hevia. Fuzzing to Estimate Gas Costs of Ethereum Contracts. In *Proc. IEEE International Conference on Software Maintenance (ICSM)*, pp. 687-691, Sep 2020. Adelaide, Australia. IEEE Press, Piscataway, NJ, USA. ISBN 978-1-7281-5620-0.

3. Alejandro Hevia. A Well-Meaning Robot. In *Telling Stories: On Culturally Responsive Artificial Intelligence*, pp. 38-39, Dec 2020. University of Washington Tech Policy Lab, 4293 Memorial Way NE, Seattle, WA 98195. ISBN 978-1-7361480-0-6.

Year 2021

1. Alejandro Hevia, Ilana Mergudich-Thal. Implementing Secure Reporting of Sexual Misconduct - Revisiting WhoToo. In *Proc. International Conference on Cryptology and Information Security in Latin America (LATINCRYPT)*, pp. 341-362, Oct 2021. Bogotá, Colombia. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 12912. ISBN 978-3-030-88238-9.