

Random Bit Generation Workshop 2016
May 2-3, 2016

List of Accepted Papers

“Progress towards Quantum-based Random Number Generation using Entangled Photons”,

Joshua C. Bienfang, Peter Bierhorst, Alan Mink and Stephen Jordan, Paulina Kuo, Scott Glancy, S. Nam, K. Shalm, M. Stevens, T. Gerrits, R. Mirin, V. Verma, A. Lita, C. Hodge, NIST

“Canary Numbers Design for Light-weight Online Testability of True Random Number Generators”

Vladimir Rozic, Bohan Yang, Nele Mentens and Ingrid Verbauwhede, COSIC

“New approach for miniaturization of Quantum Random Number Generator” Jeong Woon Choi

and Seung Hwan Kwak, SK Telecom, Korea

“Estimating Min-entropy for large output spaces”, Darryl Buller, Aaron Kaufner, NSA

“The impact of digitization on the entropy generation rates of physical sources of randomness”,

Joseph D. Hart, Thomas E. Murphy, and Rajarshi Roy, UMD

"Trust, and public entropy: a unicorn hunt", Arjen K. Lenstra and Benjamin Wesolowski, EPFL IC

LACAL, Switzerland

“Minimizing false negative and false positive errors on entropy health tests”, Scott Fluhrer, Cisco

Systems

"Sources of randomness in digital devices and their testability", Viktor Fischer, CNRS, France

"Entropy Estimation on the Basis of a Stochastic Model", Werner Schindler, Bundesamt für Sicherheit in der Informationstechnik (BSI) Germany