1. Record Nr. UNINA9910510453303321 Autore Emura Keita Titolo Proceedings of the 8th ACM on ASIA Public-Key Cryptography Workshop / / Keita Emura, Yuntao Wang New York NY:,: Association for Computing Machinery,, 2021 Pubbl/distr/stampa Descrizione fisica 1 online resource (60 pages) 001.5 Disciplina Soggetti Cryptography Lingua di pubblicazione Inglese Formato Materiale a stampa Livello bibliografico Monografia Sommario/riassunto It is our great pleasure to welcome you to the 8th ACM Asia Public-Key Cryptography Workshop - APKC 2021, held on June 7, 2021, in conjunction with the 16th ACM ASIA Conference on Computer and Communications Security (ACM ASIACCS 2021). Public-key cryptography plays an essential role in ensuring many security properties required in data processing of various kinds. The theme of this workshop is novel public-key cryptosystems for solving a wide range of real-life application problems. This workshop solicits original contributions on both applied and theoretical aspects of public-key cryptography. The call for papers attracted 19 submissions from Asia and Europe. The program committee accepted 6 papers based on their overall quality and novelty (acceptance ratio: 31.6%). The program also includes one invited talk entitled "Mitaka: Faster, Simpler, Parallelizable

and Maskable Hashand- Sign Signatures on NTRU Lattices" by Dr. Thomas Espitau (NTT Secure Platform Laboratories). We hope these proceedings will serve as a valuable reference for researchers and

practitioners in the field of public-key cryptography and its

applications.