

A Bibliography of Papers in *Lecture Notes in Computer Science* (2011)

Nelson H. F. Beebe
University of Utah

Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)

WWW URL: <http://www.math.utah.edu/~beebe/>

14 October 2017
Version 1.03

Title word cross-reference

t [18].

-Cheater [18].

5th [57].

Account [51]. **ACS** [50]. **Adaptive** [14].
Adversaries [23]. **AES** [7]. **Algorithms** [22, 3]. **Almost** [18]. **Amplification** [30].
Applications [14, 2]. **April** [57].
Arithmetic [2]. **Assumption** [26].
Atomicity [40]. **Attack** [21]. **Attacks** [19, 9]. **Attribute** [32, 31].
Attribute-Based [32, 31]. **Authentication** [16, 4]. **Autonomic** [45]. **Avatar** [38].

Back [35]. **Barrier** [20]. **Based** [32, 31, 26].
Belgian [51]. **Beyond** [20]. **Biographical** [37]. **Birthday** [20]. **Blocks** [54]. **Bounded** [27]. **Brian** [48, 49, 36, 37]. **Building** [38].

CA [56]. **Careful** [28]. **Case** [5]. **Channel** [17, 9]. **Cheater** [18]. **Chemical** [45].
Circuit [29]. **Circuit-Size** [29]. **Closet** [46].
Cloud [40]. **Codex** [2]. **Commitments** [26]. **communication** [57]. **Commuting** [15]. **Compact** [7]. **Completeness** [30].
Composable [26]. **Composition** [28, 27].
Computation [25, 12, 24, 23, 57].
Computer [46, 49]. **Computing** [6, 45, 48, 42]. **Concurrent** [27].
conference [56, 57]. **Congestion** [44].
Construction [34]. **Criticality** [47].
Cryptanalysis [19]. **cryptographer** [56].

cryptography [57]. **cryptology** [56].
Cryptosystems [33]. **CT** [56]. **CT-RSA** [56]. **Curves** [6].

Data [44]. **DDH** [26]. **Decentralizing** [32].
Deniable [34]. **Dependability** [52].
Dependent [30]. **Detection** [34].
Development [55]. **Devices** [9]. **Domain** [20]. **DSS** [41].

Early [46]. **Efficient** [24, 4, 26, 29].
Electronic [51, 42]. **Encryption** [12, 34, 15, 10, 32, 31, 29]. **Evaluate** [44].
Explicit [6]. **Extension** [20]. **Extractable** [33].

Faster [6]. **Fault** [45, 53]. **Faults** [47].
February [56]. **Formal** [9]. **Formulas** [6].
Fragmentation [49]. **Framework** [52, 28].
Francisco [56]. **free** [14]. **Front** [1]. **Fully** [8, 10]. **Fully-Homomorphic** [10].
Functions [11].

Game [25]. **Generic** [30, 22]. **Gentry** [10].
Groups [14].

Hard [22, 4]. **Hash** [33]. **HIBE** [31].
Highly [26]. **Highly-Efficient** [26].
History [48]. **Homomorphic** [11, 10, 12].
Hulls [19].

IBM [50]. **IBM-ACS** [50]. **Ideal** [5].
Identifiable [18]. **Implementation** [7].
Implementing [10]. **Improved** [22].
Independent [29]. **Indifferentiability** [28].
Information [16]. **Interactive** [34, 24].
Intrusion [52]. **Invention** [39]. **Issues** [9].

KDM [29]. **Key** [30, 16, 29].
Key-Dependent [30]. **Keys** [17].
Knapsacks [22].

Lattice [3]. **Lattices** [5]. **Leakage** [8].
Leakage-Resilient [8]. **Leaking** [16].

Learned [50, 36]. **Learning** [4]. **Leeds** [57].
Lessons [50]. **Limitations** [28]. **Limits** [7].
Linear [19]. **Local** [40].

Machine [51]. **MACs** [20]. **Making** [5].
Malicious [23]. **Mathematical** [51].
Matter [35, 1]. **Message** [30]. **MILS** [41].
Mixed [47]. **Model** [27]. **Multiparty** [12].
Museum [46].

Nanoscale [9]. **Negligible** [34]. **Noise** [17].
Non [24]. **Non-interactive** [24]. **Note** [37].
NTRU [5].

Optimum [18]. **Oracles** [13]. **Ordinary** [6].
Output [23].

Pairings [6]. **papers** [57]. **Pioneering** [49].
Polynomial [11]. **Power** [9]. **Practice** [39, 3]. **Pre** [42]. **Pre-electronic** [42].
PRESENT [19]. **Probability** [34].
Problems [4, 5]. **proceedings** [56].
Process [55]. **Professor** [48].
Programming [39]. **Project** [50]. **Proofs** [13, 33]. **Pseudo** [14]. **Pseudo-free** [14].
Public [29]. **PUFFIN** [19]. **Pushing** [7].

Quantum [27, 57].

Randell [48, 49, 37]. **Random** [13]. **RC4** [21]. **Real** [44]. **Real-Time** [44]. **Recovery** [54]. **Reduction** [3]. **Referee** [38].
Reminiscences [50]. **Resilience** [52].
Resilient [8]. **revised** [57]. **Revocation** [33]. **Road** [44]. **RSA** [56].

San [56]. **Saturation** [19]. **Scheme** [10].
Schemes [18, 13]. **Secret** [17, 18]. **Secure** [25, 16, 24, 5, 23]. **Security** [30, 52, 29].
selected [57]. **Semi** [12].
Semi-homomorphic [12]. **Setting** [45].
Sharing [18]. **Side** [9]. **Side-Channel** [9].
Signature [13]. **Signatures** [11, 8, 15]. **Size** [29]. **Statistical** [19, 21]. **Storage** [49, 27].

Structuring [55]. **Study** [9].
Supercomputer [50]. **Systems** [45, 47].
Theoretic [25]. **Theory** [39, 2, 3, 57].
Threats [52]. **Threshold** [7, 33]. **Tight** [13]. **Time** [44]. **Timing** [47]. **Tolerance** [53]. **Tolerant** [45]. **Topics** [56]. **TQC** [57]. **track** [56]. **Traffic** [44]. **Transactions** [40]. **Two** [23]. **Two-Output** [23].
UK [57]. **Unbounded** [31]. **Universally** [26]. **Universally-Composable** [26]. **USA** [56]. **Using** [44].
Variability [9]. **Verifiable** [15]. **Very** [7]. **via** [33]. **View** [25]. **Virtual** [53].
Wanderings [43]. **Weak** [16]. **Whetstone** [43]. **without** [16, 13]. **Work** [49]. **Worst** [5]. **Worst-Case** [5]. **Writing** [55].
Years [46].

References

Anonymous:2011:FM

- [1] Anonymous. Front matter. *Lecture Notes in Computer Science*, 6632:??, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/bfm:978-3-642-20465-4_1.

Cramer:2011:ACT

- [2] Ronald Cramer. The arithmetic codex: Theory and applications. *Lecture Notes in Computer Science*, 6632:1, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_1.

Nguyen:2011:LRA

- [3] Phong Q. Nguyen. Lattice reduction algorithms: Theory and practice. *Lecture Notes in Computer Science*, 6632:2–6, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_2.

Kiltz:2011:EAH

- [4] Eike Kiltz, Krzysztof Pietrzak, David Cash, Abhishek Jain, and Daniele Venturi. Efficient authentication from hard learning problems. *Lecture Notes in Computer Science*, 6632:7–26, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_3.

Stehle:2011:MNS

- [5] Damien Stehlé and Ron Steinfield. Making NTRU as secure as worst-case problems over ideal lattices. *Lecture Notes in Computer Science*, 6632:27–47, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_4.

Aranha:2011:FEF

- [6] Diego F. Aranha, Koray Karabina, Patrick Longa, Catherine H. Gebotys, and Julio López. Faster explicit formulas for computing pairings over ordinary curves. *Lecture Notes in Computer Science*, 6632:48–68, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_5.

- Moradi:2011:PLV**
- [7] Amir Moradi, Axel Poschmann, San Ling, Christof Paar, and Huaxiong Wang. Pushing the limits: A very compact and a threshold implementation of AES. *Lecture Notes in Computer Science*, 6632:69–88, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_6.
- Boyle:2011:FLR**
- [8] Elette Boyle, Gil Segev, and Daniel Wichs. Fully leakage-resilient signatures. *Lecture Notes in Computer Science*, 6632:89–108, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_7.
- Renaud:2011:FSP**
- [9] Mathieu Renaud, François-Xavier Standaert, Nicolas Veyrat-Charvillon, and Dina Kamel. A formal study of power variability issues and side-channel attacks for nanoscale devices. *Lecture Notes in Computer Science*, 6632:109–128, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_8.
- Gentry:2011:IGF**
- [10] Craig Gentry and Shai Halevi. Implementing Gentry’s fully-homomorphic encryption scheme. *Lecture Notes in Computer Science*, 6632:129–148, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_9.
- Boneh:2011:HSP**
- [11] Dan Boneh and David Mandell Freeman. Homomorphic signatures for polynomial functions. *Lecture Notes in Computer Science*, 6632:149–168, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_10.
- Bendlin:2011:SHE**
- [12] Rikke Bendlin, Ivan Damgaard, Claus Orlandi, and Sarah Zakarias. Semi-homomorphic encryption and multiparty computation. *Lecture Notes in Computer Science*, 6632:169–188, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_11.
- Schage:2011:TPS**
- [13] Sven Schäge. Tight proofs for signature schemes without random oracles. *Lecture Notes in Computer Science*, 6632:189–206, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_12.
- Catalano:2011:APF**
- [14] Dario Catalano, Dario Fiore, and Bogdan Warinschi. Adaptive pseudo-free groups and applications. *Lecture Notes in Computer Science*, 6632:207–223, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_13.
- Fuchsbauer:2011:CSV**
- [15] Georg Fuchsbauer. Commuting signatures and verifiable encryption. *Lecture*

- Notes in Computer Science*, 6632:224–245, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_14.
- Bouman:2011:SAW**
- [16] Niek J. Bouman and Serge Fehr. Secure authentication from a weak key, without leaking information. *Lecture Notes in Computer Science*, 6632:246–265, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_15.
- Ahmadi:2011:SKC**
- [17] Hadi Ahmadi and Reihaneh Safavi-Naini. Secret keys from channel noise. *Lecture Notes in Computer Science*, 6632:266–283, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_16.
- Obama:2011:AOC**
- [18] Satoshi Obama. Almost optimum t -cheater identifiable secret sharing schemes. *Lecture Notes in Computer Science*, 6632:284–302, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_17.
- Leander:2011:LHS**
- [19] Gregor Leander. On linear hulls, statistical saturation attacks, PRESENT and a cryptanalysis of PUFFIN. *Lecture Notes in Computer Science*, 6632:303–322, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_18.
- Dodis:2011:DEM**
- [20] Yevgeniy Dodis and John Steinberger. Domain extension for MACs beyond the birthday barrier. *Lecture Notes in Computer Science*, 6632:323–342, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_19.
- Sepehrdad:2011:SAR**
- [21] Pouyan Sepehrdad, Serge Vaudenay, and Martin Vuagnoux. Statistical attack on RC4. *Lecture Notes in Computer Science*, 6632:343–363, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_20.
- Becker:2011:IGA**
- [22] Anja Becker, Jean-Sébastien Coron, and Antoine Joux. Improved generic algorithms for hard knapsacks. *Lecture Notes in Computer Science*, 6632:364–385, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_21.
- shelat:2011:TOS**
- [23] Abhi shelat and Chih hao Shen. Two-output secure computation with malicious adversaries. *Lecture Notes in Computer Science*, 6632:386–405, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_22.

- | | |
|---|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;">Ishai:2011:ENI</div> <p>[24] Yuval Ishai, Eyal Kushilevitz, Rafail Ostrovsky, Manoj Prabhakaran, and Amit Sahai. Efficient non-interactive secure computation. <i>Lecture Notes in Computer Science</i>, 6632:406–425, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_23.</p> <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;">Asharov:2011:TGT</div> <p>[25] Gilad Asharov, Ran Canetti, and Carmit Hazay. Towards a game theoretic view of secure computation. <i>Lecture Notes in Computer Science</i>, 6632:426–445, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_24.</p> <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;">Lindell:2011:HEU</div> <p>[26] Yehuda Lindell. Highly-efficient universally-composable commitments based on the DDH assumption. <i>Lecture Notes in Computer Science</i>, 6632:446–466, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_25.</p> <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;">Unruh:2011:CCB</div> <p>[27] Dominique Unruh. Concurrent composition in the bounded quantum storage model. <i>Lecture Notes in Computer Science</i>, 6632:467–486, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_26.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;">Ristenpart:2011:CCL</div> <p>[28] Thomas Ristenpart, Hovav Shacham, and Thomas Shrimpton. Careful with composition: Limitations of the indifferentiability framework. <i>Lecture Notes in Computer Science</i>, 6632:487–506, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_27.</p> <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;">Malkin:2011:ECS</div> <p>[29] Tal Malkin, Isamu Teranishi, and Moti Yung. Efficient circuit-size independent public key encryption with KDM security. <i>Lecture Notes in Computer Science</i>, 6632:507–526, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_28.</p> <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;">Applebaum:2011:KDM</div> <p>[30] Benny Applebaum. Key-dependent message security: Generic amplification and completeness. <i>Lecture Notes in Computer Science</i>, 6632:527–546, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_29.</p> <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;">Lewko:2011:UHA</div> <p>[31] Allison Lewko and Brent Waters. Unbounded HIBE and attribute-based encryption. <i>Lecture Notes in Computer Science</i>, 6632:547–567, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_30.</p> |
|---|---|

- Lewko:2011:DAB**
- [32] Allison Lewko and Brent Waters. Decentralizing attribute-based encryption. *Lecture Notes in Computer Science*, 6632:568–588, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_31.
- Wee:2011:TRC**
- [33] Hoeteck Wee. Threshold and revocation cryptosystems via extractable hash proofs. *Lecture Notes in Computer Science*, 6632:589–609, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_32.
- Durmuth:2011:DEN**
- [34] Markus Dürmuth and David Mandell Freeman. Deniable encryption with negligible detection probability: An interactive construction. *Lecture Notes in Computer Science*, 6632:610–626, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-20465-4_33.
- Anonymous:2011:BM**
- [35] Anonymous. Back matter. *Lecture Notes in Computer Science*, 6632:??, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-642-20465-4/1>.
- Kopetz:2011:WLB**
- [36] Hermann Kopetz. What I learned from Brian. *Lecture Notes in Computer Science*, 6875:1–6, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/content/pdf/10.1007/978-3-642-24541-1_1/.
- Lloyd:2011:BRB**
- [37] John L. Lloyd and Tom Anderson. Brian Randell: a biographical note. *Lecture Notes in Computer Science*, 6875:7–14, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_2/.
- Aviienis:2011:BRA**
- [38] Algirdas Avi ienis. On building a referee’s avatar. *Lecture Notes in Computer Science*, 6875:15–22, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_3/.
- Campbell-Kelly:2011:TPI**
- [39] Martin Campbell-Kelly. From theory to practice: The invention of programming, 1947–51. *Lecture Notes in Computer Science*, 6875:23–37, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_4/.
- Lomet:2011:TLA**
- [40] David Lomet. Transactions: From local atomicity to atomicity in the cloud. *Lecture Notes in Computer Science*, 6875:38–52, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_5/.

- Rushby:2011:DM**
- [41] John Rushby. From DSS to MILS. *Lecture Notes in Computer Science*, 6875:53–57, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_6/.
- Swade:2011:PEC**
- [42] Doron Swade. Pre-electronic computing. *Lecture Notes in Computer Science*, 6875:58–83, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_7/.
- Wichmann:2011:WW**
- [43] Brian Wichmann. Whetstone wanderings. *Lecture Notes in Computer Science*, 6875:84–92, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_8/.
- Bacon:2011:URT**
- [44] Jean Bacon, Andrei Iu. Bejan, Alastair R. Beresford, David Evans, and Richard J. Gibbens. Using real-time road traffic data to evaluate congestion. *Lecture Notes in Computer Science*, 6875:93–117, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_9/.
- Bantre:2011:FTA**
- [45] Jean-Pierre Banâtre, Christine Morin, and Thierry Priol. Fault tolerant autonomic computing systems in a chemical setting. *Lecture Notes in Computer Science*, 6875:118–129, 2011. CO-
- DEN LNCSD9.** ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_10/.
- Bell:2011:CEY**
- [46] Gordon Bell. Out of a closet: The early years of The Computer Museum. *Lecture Notes in Computer Science*, 6875:130–146, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_11/.
- Burns:2011:TFM**
- [47] Alan Burns and Sanjoy Baruah. Timing faults and mixed criticality systems. *Lecture Notes in Computer Science*, 6875:147–166, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_12/.
- Ceruzzi:2011:PBR**
- [48] Paul E. Ceruzzi. Professor Brian Randell and the history of computing. *Lecture Notes in Computer Science*, 6875:167–173, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_13/.
- Coffman:2011:CSF**
- [49] Ed Coffman. Computer storage fragmentation: Pioneering work of Brian Randell. *Lecture Notes in Computer Science*, 6875:174–184, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_14/.

Conway:2011:IAR

- [50] Lynn Conway. IBM-ACS: Reminiscences and lessons learned from a 1960's supercomputer project. *Lecture Notes in Computer Science*, 6875:185–224, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_15/.

Courtois:2011:BEM

- [51] Pierre-Jacques Courtois. The Belgian Electronic Mathematical Machine (1951–1962): an account. *Lecture Notes in Computer Science*, 6875:225–237, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_16/.

Dacier:2011:RDF

- [52] Marc Dacier. On the resilience of the dependability framework to the intrusion of new security threats. *Lecture Notes in Computer Science*, 6875:238–250, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_17/.

Denning:2011:VFT

- [53] Peter J. Denning. Virtual fault tolerance. *Lecture Notes in Computer Science*, 6875:251–260, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_18/.

Hoare:2011:RB

- [54] Tony Hoare. Recovery blocks. *Lecture Notes in Computer Science*, 6875:261–266, 2011. CODEN LNCSD9. ISSN 0302-

9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_19/.

Horning:2011:DWP

- [55] J. J. Horning. The development and writing of “process structuring”. *Lecture Notes in Computer Science*, 6875:267–272, 2011. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer.com/chapter/10.1007/978-3-642-24541-1_20/.

Kiayias:2011:TCC

- [56] Aggelos Kiayias, editor. *Topics in cryptology — CT-RSA 2011: the cryptographers’ track at the RSA conference 2011, San Francisco, CA, USA, February 14–18, 2011. proceedings*, volume 6558 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2011. ISBN 3-642-19073-1. LCCN ????

vanDam:2011:TQC

- [57] Wim van Dam, Vivian M. Kendon, and Simone Severini, editors. *Theory of quantum computation, communication, and cryptography: 5th conference, TQC 2010, Leeds, UK, April 13–15, 2010, revised selected papers*, volume 6519 of *Lecture notes in computer science*. Springer-Verlag Inc., New York, NY, USA, 2011. ISBN 3-642-18072-8 (softcover). LCCN ????