
Christophe Rosenberger's publications

August 27, 2018

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Thesis manuscript

1. **C. Rosenberger**, "Contribution à l'évaluation d'algorithmes de traitement d'images", Thèse d'Habilitation à diriger des recherches de l'Université d'Orléans, décembre 2006.
2. **C. Rosenberger**, "Mise en oeuvre d'un système adaptatif de segmentation d'images", Thèse de Doctorat de l'Université de Rennes I, décembre 1999.

Book chapter

1. B. Vibert, Z. Yao, S. Vernois, JM. Lebars, C. Charrier, **C. Rosenberger**, "EvaBio Platform for the evaluation biometric system : Application to the optimization of the enrollment process for fingerprints devices", Communications in Computer and Information Science, Information Systems Security and Privacy, revised chapter from ICISSP'2015 article, Springer, 2016.
2. M. El-Abed, P. Lacharme and **C. Rosenberger**, "Privacy and Security Assessment of Biometric Systems", Chapter in Advances in Security and Privacy of Biometric Systems, Cambridge Scholars Publishing, A. Teoh, D. Ngo, and J. Hu (Editors), 2015.
3. M. El-Abed, C. Charrier and **C. Rosenberger**, "Evaluation of Biometric Systems", chapter in Book "New Trends and developments in biometrics", ISBN 980-953-307-576-6, 2012.
4. M. El Abed, R. Giot, B. Hemery, J. Mahier, **C. Rosenberger**, "Evaluation des performances d'un système biométrique". Traitement du signal et de l'image pour la biométrie, page 23. Hermès, traduit en anglais par "Performance evaluation of biometric systems" ISTE WILEY Book on "Signal and Image Processing for Biometrics", 2012.
5. R. Giot, B. Hemery, E. Cherrier, **C. Rosenberger**, "La multibiométrie". Traitement du signal et de l'image pour la biométrie, page 25. Hermès, traduit en anglais par "Multibiometrics" ISTE WILEY Book on "Signal and Image Processing for Biometrics", 2012.
6. R. Giot, M. El-Abed and **C. Rosenberger** "Keystroke Dynamics Overview", Biometrics, Jucheng Yang (Ed.), ISBN: 978-953-307-618-8, InTech, 2011
Available from: <http://www.intechopen.com/articles/show/title/keystroke-dynamics-overview>
7. R. Belguechi, E. Cherrier, V. Alimi, P. Lacharme and **C. Rosenberger** "An Overview on Privacy Preserving Biometrics", Recent Application in Biometrics, Jucheng Yang and Norman Poh (Ed.), ISBN: 978-953-307-488-7, InTech, 2011
URL: <http://www.intechopen.com/articles/show/title/an-overview-on-privacy-preserving-biometrics>

8. M. Pasquet, D. Vacquez, **C. Rosenberger**, "A Low-cost and secure solution for e-commerce", Emergent Web Intelligence: Advanced Information Retrieval, Series: Advanced Information and Knowledge Processing, chapter 17, Springer Verlag, 16 pages, 2010.
9. F. Cherifi, B. Hemery, R. Giot, M. Pasquet, **C. Rosenberger**, "Performance Evaluation Of Behavioral Biometric Systems", Book on Behavioral Biometrics for Human Identification: Intelligent Applications, 21 pages, 2009.
10. C. Delgorge-Rosenberger, **C. Rosenberger**, "Evaluation Of Medical Image Compression", Handbook of Research on Advanced Techniques in Diagnostic Imaging and Biomedical Applications, 15 pages, 2009.
11. P.-A. Fayolle, A. Pasko, E. Kartasheva, **C. Rosenberger**, C. Toinard, "Automation of the Volumetric Models Construction, in Heterogeneous Objects Modeling and Applications", Lecture Notes in Computer Science, vol. 4889, A. Pasko, V. Adzhiev, and P. Comminos (Eds.), Springer-Verlag, pages 214-238, 2008.
12. M. Pasquet, **C. Rosenberger**, F. Cuozzo, "Security for electronic commerce", Encyclopedia of Information Science and Technology, 2nd edition, Vol. 4, 14 pages, 2008.
13. J. Mahier, M. Pasquet, **C. Rosenberger**, F. Cuozzo, "Biometric authentication", Encyclopedia of Information Science and Technology, 2nd edition, Vol. 1, 13 pages, 2008.
14. **C. Rosenberger**, S. Chabrier, H. Laurent, B. Emile, "Unsupervised and supervised image segmentation evaluation", pages 365-393, chapitre 18 du livre "Advances in Image and Video Segmentation" Pr. Yu-Jin Zhang, Idea Group Publishing, 2006.
15. S. Silva, P.-A. Fayolle, J. Vincent, G. Pauron, **C. Rosenberger**, C. Toinard, "Genetic Algorithms For Shape Modelling and Fitting" Lecture Notes in Computer Science, ISBN: 3-540-30737-0, vol 3808, pages 144-155, Springer, 2005 (sélectionn à ALEA workshop Conference EPIA).

International journal

1. A. Plateaux, P. Lacharme, S. Vernois, V. Coquet, **C. Rosenberger**, "A Comparative Study of Card Not Present E-commerce Architectures with Card Schemes: What About Privacy?", Elsevier Journal of Information Security and Applications, (40), pages 103-110, 2018.
2. Z. Yao, J.M. Le Bars, C. Charrier, **C. Rosenberger**, "A Literature Review of Fingerprint Quality Assessment and Its Evaluation", IET journal on Biometrics (IF 1.412), 2016.
3. R. Belguechi, H. Hafiane, E. Cherrier, **C. Rosenberger**, "Comparative Study on Texture Features for Fingerprint Recognition: Application to The BioHashing Template Protection Scheme", International Journal of Electronic Imaging (IF 1.061), 2016.
4. R. Giot, B. Dorizzi, **C. Rosenberger**, "A Review on the Public Benchmark Databases for Static Keystroke Dynamics" Elsevier Journal on Computers & Security (IF 1.158), pp.1-35, 2015.
5. A. Josang, **C. Rosenberger**, L. Miralabé, H. Klevjer, K. A. Varmedal, J. Daveau, K. Eilif Husa, P. Taugbol, "Local user-centric identity management", Journal of Trust Management, 2015.
6. B. Hemery, H. Laurent, B. Emile, **C. Rosenberger**, "Evaluation Metric of an Image Understanding Result", SPIE Journal of Electronic Imaging (IF 0.85), 2015.
7. M. El-Abed, C. Charrier, **C. Rosenberger**, "Quality Assessment of Image-based Biometric Information", EURASIP Journal of on Image and Video Processing, (IF 0.66) 2015.
8. S. Zulkarnain Syed Idrus, E. Cherrier, **C. Rosenberger**, P. Bours, "Soft Biometrics for Keystroke Dynamics: Profiling Individuals While Typing Passwords", Elsevier Journal on Computers & Security (IF 1.158), 2014.
9. R. Belguechi, E. Cherrier, **C. Rosenberger**, S. Ait-Aoudia, "An integrated framework combining Bio-Hashed minutiae template and PKCS15 compliant card for a better secure management of fingerprint cancelable templates", Elsevier Journal on Computers & Security (IF 1.158), 2013.

10. R. Giot, M. El Abed, **C. Rosenberger**, "Fast computation of the performance evaluation of biometric", Elsevier journal of Future Generation Computer Systems - Special Issue on Recent Developments in High Performance Computing and Security (IF 1.864), Volume 29, Issue 3, Pages 788-799, 2013.
11. R. Belguechi, E. Cherrier, **C. Rosenberger**, S. Ait-Aoudia, "Operational Bio-Hash to Preserve Privacy of Fingerprint Minutiae Templates", IET journal on Biometrics (IF 1.412), 2013
12. V. Alimi, **C. Rosenberger**, S. Vernois, "A Mobile Contactless Point of Sale Enhanced by the NFC and Biometric Technologies", Inderscience International Journal of Internet Technology and Secured Transactions, 2013.
13. S. Zulkarnain Syed Idrus, E. Cherrier, **C. Rosenberger**, J.-J. Schwartzmann, "A Review on Authentication Methods", Australian Journal of Basic Applied Sciences (AJBAS), 2013.
14. B. Hemery, H. Laurent, B. Emile, **C. Rosenberger**, "Parametrization of an image understanding quality metric with a subjective evaluation", Pattern Recognition Letters (IF 1.266), 2012.
15. R. Giot, **C. Rosenberger**, "Genetic Programming for Multibiometrics", Elsevier Journal on Expert Systems With Applications (IF 1.854), Volume 39, Issue 2, Pages 1837-1847, 2012.
16. M. El-Abed, R. Giot, B. Hemery, **C. Rosenberger**, "Evaluation of biometric systems: a study of users' acceptance and satisfaction", Inderscience International Journal of Biometrics (IJBM), Vol. 4, No. 3, 2012.
17. M. El Abed, R. Giot, B. Hemery, J.J. Schwartzmann, **C. Rosenberger**, "Towards the Security Evaluation of Biometric Authentication Systems", International Journal of Engineering and Technology, vol. 4, (3), pages 315-320, 2012.
18. R. Belguechi, P. Lacharme, **C. Rosenberger**, "Enhancing the privacy of electronic passports" International Journal of Information Technology and Management (IJITM) Special Issue on: "Advances and Trends in Biometrics" (IF 0.516). Dr Lidong Wang, pages 1-16, vol. 11, (1/2), 2012
19. R. Giot, **C. Rosenberger**, "A New Soft Biometric Approach For Keystroke Dynamics Based On Gender Recognition" International Journal of Information Technology and Management (IJITM) Special Issue on: "Advances and Trends in Biometrics" (IF 0.516). Dr Lidong Wang, pages 35-49, vol. 11, (1/2), 2012.
20. M. El-Abed, R. Giot, B. Hemery, J.-J. Schwartzmann, and **C. Rosenberger**, "Towards the Security Evaluation of Biometric Authentication Systems," International Journal of Engineering and Technology, vol. 4, no. 3, pp. 315-320, 2012.
21. J. Mahier, B. Hemery, M. El-Abed, M. T. El-Allam, M. Y. Bouhaddaoui, **C. Rosenberger**, "Computation EvaBio: A Tool for Performance Evaluation in Biometrics", International Journal of Automated Identification Technology (IJAIT), 2011.
22. R. Giot, M. El-Abed, B. Hemery, **C. Rosenberger**, "Unconstrained Keystroke Dynamics Authentication with Shared Secret", Elsevier Journal on Computers & Security (IF 1.158), Volume 30, Issues 6-7, Pages 427-445, September-October 2011.
23. Y. Benezeth, H. Laurent, B. Emile, **C. Rosenberger**, "Towards a sensor for detecting human presence and activity", Elsevier international journal Energy and Buildings (IF 2.679), Volume 43, Issues 2-3, pages 305-314, Mars 2011.
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25. B. Hemery, H. Laurent, B. Emile, **C. Rosenberger**, "Comparative Study of Localization Metrics for the Evaluation of Image Interpretation Systems", International Journal of Electronic Imaging (IF 1.061), Volume 19, Issue 2, 2010.
26. Y. Benezeth, P.M. Jodoin, B. Emile, H. Laurent, **C. Rosenberger**, "Comparative Study of Background Subtraction Algorithms", International Journal of Electronic Imaging (IF 1.061), Volume 19, Issue 3, 2010.

27. Y. Benezeth, B. Emile, H. Laurent, **C. Rosenberger**, "Vision-based system for human detection and tracking in indoor environment", Special Issue on People Detection and Tracking of the Springer International Journal of Social Robotics, Volume 2, Number 1, pages 41-52, 2010.
28. S. Chabrier, **C. Rosenberger**, B. Emile, H. Laurent, "Optimization Based Image Segmentation by Genetic Algorithms", EURASIP Journal on Image and Video Processing (IF 0.57), 12 pages, 2008.
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URL=<http://www.hindawi.com/Getpdf.aspx?doi=10.1155/2008/693053>
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32. C. Delgorge, **C. Rosenberger**, G. Poisson, P. Vieyres, "Towards a new tool for the evaluation of the quality of ultrasound compressed images", IEEE Transactions on Medical Imaging (IF 3.643) , vol. 25, pages 1502-1509, 2006.
33. S. Chabrier, B. Emile, **C. Rosenberger**, H. Laurent, "Unsupervised performance evaluation of image segmentation", Special Issue on Performance Evaluation in Image Processing, EURASIP Journal on Applied Signal Processing (IF 0.811), 12 pages, 2006.
34. C. Delgorge, F. Courreges, L. Al Bassit, C. Novales, **C. Rosenberger**, N. Smith-Guerin, C. Bro, R. Gilibert, M. Vannoni, G. Poisson, P. Vieyres, "A tele-operated mobile ultrasound scanner using a light weight robot", IEEE Transactions on Information Technology in Biomedicine (ITAB), special issue mHealth (IF 1.676), vol. 9, no.1, pages 50-58, mars 2005.
35. **C. Rosenberger**, B. Emile, H. Laurent, "Calibration and Quality Control of Cherries by Artificial Vision", International Journal of Electronic Imaging (IF 1.061), Special issue on quality control by artificial vision, pages 539-546, (13), vol. 3, July 2004.
36. **C. Rosenberger** , K. Chehdi, "Towards a complete adaptive analysis of an image", International Journal of Electronic Imaging (IF 1.061), vol. 12, Issue 2, pages 292-298, 2003.

National journal

1. S. Rudz, K. Chetehouna, **C. Rosenberger**, "De Nouveaux Capteurs de Mesure de Niveau et de Volume pour les Cuves de Pétroliers", Revue des Technologies avancées, p. 20-27, 2011.
2. B. Hemery, H. Laurent, B. Emile, **C. Rosenberger**, "Evaluation d'un résultat d'interprétation d'images", Revue des Nouvelles Technologies de l'Information (RNTI), p.20, 2011.
3. M. El-Abed, B. Hemery, C. Charrier, **C. Rosenberger**, "Evaluation de la qualité de données biométriques", Revue des Nouvelles Technologies de l'Information (RNTI), p.20, 2011.
4. **C. Rosenberger** , K. Chehdi "Nouveaux attributs de texture invariants par rotation", *Revue Traitement du signal*, vol. 18, n5-6, pp 447-454, 2001.
5. K. Chehdi, **C. Rosenberger** , C. Kermad "Segmentation d'images multi-composantes par fusion génétique", *Images et vidéo, Réseaux et Systèmes Répartis*, vol. 12, n3-4, pages 471-480, 2000, Editions Hermès.

Invited conference

1. **C. Rosenberger**, "Quality of biometric data: definition and validation of metrics", Malaysian-French Biometrics Seminar: Future Applications in Computer Forensics and Digital Investigations (MFBS), Penang Malaysia, February 2017.
2. **C. Rosenberger**, "Should we be afraid of biometrics?", 4th International Conference on the Roles of the Humanities and Social Sciences in Engineering 2017, Penang Malaysia, February 2017.
3. **C. Rosenberger**, "Authentification biométrique pour le paiement", Journée "Nouvelles Avancées en Sécurité des Systèmes d'Information" INSA, Toulouse, Janvier 2017.
4. **C. Rosenberger**, "Quel futur pour les mots de passe?", Colloque CNRS sécurité informatique, Mythes et réalité, décembre 2016.
5. **C. Rosenberger**, "User authentication with biometrics", French-Swiss Innovation Forum for Cybersecurity, Zurich, 3 - 4 June 2014.
6. **C. Rosenberger**, "Security - Privacy - Usability: Can we provide all of them?", World Symposium on Computer Application & Research (WSCAR), Sousse, Tunisie, Janvier 2014.
7. **C. Rosenberger**, "Sans biométrie pas d'authentification de l'utilisateur", Journées Doctorales en Technologie de l'Information et de la Communication, Kénitra, Maroc, Novembre 2013.
8. **C. Rosenberger**, "Technologie et éthique : les données personnelles", Colloque BANG, Caen, Mai 2013.
9. **C. Rosenberger**, "Enhancing the Password Security with Keystroke Dynamics", Third international conference on Passwords, Oslo - Norway, December 2012.
10. **C. Rosenberger**, "Privacy compliant mobile biometric authentication", Ecole d'hiver FRISC, Finse - Norvège, Mai 2012.
11. **C. Rosenberger**, "NFC et Biométrie", Journée JTE sur la technologie NFC (GDR ASR), Paris, Février 2012.
12. **C. Rosenberger**, "Evaluation des systèmes biométriques", Journée GDR ISIS, GT SCATI, Paris, Décembre 2011.
13. **C. Rosenberger**, "Etat des lieux de la recherche en biométrie", Conférence sur la sécurité des architectures réseaux et des systèmes d'information (SAR SSI), Ile de Ré - France, 2011.
14. **C. Rosenberger**, "Multispectral biometrics: an emergent multibiometric approach", Workshop on Multispectral Imaging and Biometrics, Gjovik - Norvège, 22 novembre 2010.
15. **C. Rosenberger**, "Emerging Trends in Biometric Authentication", Workshop on Security and High Performance Computing Systems (SHPCS'09), The IEEE International Conference on High Performance Computing & Simulation (HPCS), Leipzig - Allemagne, 24 mai 2009.
16. **C. Rosenberger**, "Vérifier l'identité d'une entité et l'application de l'authentification biométrique", *Colloque Rendez-vous de la Sécurité de l'Information*, 14 mai, Montréal, Canada 2009.

International conference with proceedings

1. D. Migdal and **C. Rosenberger**, "Analysis of Keystroke Dynamics For the Generation of Synthetic Datasets", International Conference on Cyberworlds (CW), 2018.
2. A. Mhenni, E. Cherrier, N. Ben Amara and **C. Rosenberger**, "User Dependent Template Update for Keystroke Dynamics Recognition", International Conference on Cyberworlds (CW), 2018.
3. L. Ghammam, M. Barbier and **C. Rosenberger**, "Enhancing the Security of Transformation Based Biometric Template Protection Schemes", International Conference on Cyberworlds (CW), 2018.
4. M. El-Abed, M. Dafer and **C. Rosenberger**, "RHU Keystroke Touchscreen Benchmark", International Conference on Cyberworlds (CW), 2018.

5. A. Mhenni, E. Cherrier, **C. Rosenberger** and N. Essoukri Ben Amara, "Adaptive Biometric Strategy using Doddington Zoo Classification of User's Keystroke Dynamics", IEEE International Wireless Communications and Mobile Computing Conference (IWCMC) 2018.
6. A. Mhenni, E. Cherrier, **C. Rosenberger** and N. Essoukri Ben Amara, "Towards a Secured Authentication Based on an Online Double Serial Adaptive Mechanism of Users' Keystroke Dynamics", International Conference on Digital Society and eGovernments (ICDS) 2018.
7. Zhigang Yao, Jean-Marie Le Bars, Christophe Charrier, **Christophe Rosenberger**, "Comparative Study of Digital Fingerprint Quality Assessment Metrics", 11th IAPR International Conference on Biometrics (ICB 2018), Feb 2018, Queensland, Australia.
8. B. Vibert, C. Charrier, J.-M. Le Bars, **C. Rosenberger**, "Towards an Optimal Template Reduction for Securing Embedded Fingerprint Devices", International Conference on Information Systems Security and Privacy (ICISSP), 2018.
9. D. Migdal, **C. Rosenberger**, "Towards a Personal Identity Code Respecting Privacy", International Conference on Information Systems Security and Privacy (ICISSP), 2018.
10. A. Ninassi, S. Vernois, **C. Rosenberger**, "Privacy Compliant Multi-biometric Authentication on Smartphones", International Conference on Information Systems Security and Privacy (ICISSP), 2018.
11. **C. Rosenberger**, "Evaluation of Biometric Template Protection Schemes Based on a Transformation", International Conference on Information Systems Security and Privacy (ICISSP), 2018.
12. T. Gougeon, M. Barbier, P. Lacharme, G. Avoine and **C. Rosenberger**, "Retrieving Dates in Smart Card Dumps is as Hard as Finding a Needle in a Haystack", IEEE Workshop on Information Forensics and Security (WIFS) 2017.
13. F. Buccafurri, G. Lax, D. Migdal, S. Nicolazzo, A. Nocera and **C. Rosenberger**, "Contrasting False Identities in Social Networks by Trust Chains and Biometric Reinforcement", International Conference on Cyberworlds (CW), 2017.
14. T. Gougeon, M. Barbier, P. Lacharme, G. Avoine and **C. Rosenberger**, "Memory carving can finally unveil your embedded personal data", International Conference on Availability, Reliability and Security (ARES), 2017.
15. B. Vibert, C. Charrier, J.-M. Le Bars, **C. Rosenberger**, "Fingerprint class recognition for securing EMV transaction", International Conference on Information Systems Security and Privacy (ICISSP), 2017.
16. J. Hatin, E. Cherrier, Jea-Jacques Schwartzmann, **C. Rosenberger**, "Privacy Preserving Transparent Mobile Authentication", International Conference on Information Systems Security and Privacy (ICISSP), 2017.
17. B. Vibert, C. Charrier, JM. Lebars, **C. Rosenberger**, "In what way is it possible to impersonate you bypassing fingerprint sensors ?", IEEE International Conference BIOSIG 2016.
18. P. Lacharme and **C. Rosenberger**, "Synchronous One Time Biometrics With Pattern Based Authentication", International Conference on Availability, Reliability and Security (ARES), 2016.
19. T. Gougeon, M. Barbier, P. Lacharme, G. Avoine and **C. Rosenberger**, "Memory carving in embedded devices: separate the wheat from the chaff", 14th International Conference on Applied Cryptography and Network Security (ACNS), 2016.
20. Z. Yao, J. Le bars, C. Charrier, **C. Rosenberger**, "Pixel Pruning for Fingerprint Quality Assessment", NIST International Biometric Performance Testing Conference (IBPC), 2016.
21. A. Mhenni, E. Cherrier, **C. Rosenberger** and N. Essoukri Ben Amara, "Keystroke Template Update with Adapted Thresholds", International Conference on Advanced Technologies for Signal & Image Processing (ATSIP), 2016.
22. J. Hatin, E. Cherrier, Jea-Jacques Schwartzmann, V. Frey, **C. Rosenberger**, "A Continuous LoA Compliant Trust Evaluation Method", International Conference on Information Systems Security and Privacy (ICISSP), 2016.

23. G. Jolly, S. Vernois, **C. Rosenberger**, "An Observe-and-Detect methodology for the security and functional testing of smart card applications", International Conference on Information Systems Security and Privacy (ICISSP), 2016.
24. G. Jolly, B. Hemery, **C. Rosenberger**, "Generation of local and expected behaviors of a smart card application to detect software anomaly", International Conference on Availability, Reliability and Security (ARES), International Workshop on Software Assurance (SAW), August, Toulouse, France. 2015.
25. M. Barbier, J.-M. Le Bars, **C. Rosenberger**, "Image Watermarking With Biometric Data For Copyright Protection", International Conference on Availability, Reliability and Security (ARES), International Workshop MFSEC, August, Toulouse, France, 2015.
26. Z. Yao, J.-M. Le Bars, C. Charrier and **C. Rosenberger**, "Fingerprint Quality Assessment With Multiple Segmentation, International Workshop on Biometric Security and Cybersecurity, International Conference on Cyberworlds 2015.
27. S. Zulkarnain Syed Idrus, E. Cherrier, **C. Rosenberger**, S. Mondal, P. Bours, "Keystroke Dynamics Performance Enhancement With Soft Biometrics", IEEE International Conference on Identity, Security and Behavior Analysis (ISBA), March, Hong Kong, China, 2015.
28. Z Yao, B Vibert, C. Charrier, **C. Rosenberger**, "Blind Minutiae Selection for Standard Minutiae Templates", IEEE International Conference on Identity, Security and Behaviour Analysis, March, Hong-Kong - China, 2015.
29. M. Lafkih, P. Lacharme, C. Rosenberger, M. Mikram, S. Ghouzali, M. El Haziti, D. Aboutajdine, "Vulnerabilities of fuzzy vault schemes using biometric data with traces", International Wireless Communications & Mobile Computing Conference (IWCMC) 2015.
30. Z. Yao, J. Le bars, C. Charrier, **C. Rosenberger**, "Fingerprint Quality Assessment Combining Blind Image Quality, Texture and Minutiae Features", International Conference on Information Systems Security and Privacy (ICISSP), 2015.
31. Z. Yao, J. Le bars, C. Charrier, **C. Rosenberger**, "Quality Assessment of Fingerprints with Minutiae Delaunay Triangulation", International Conference on Information Systems Security and Privacy (ICISSP), 2015.
32. B. Vibert, Z. Yao, S. Vernois, JM. Lebars, C. Charrier, **C. Rosenberger**, "EvaBio Platform for the evaluation biometric system : Application to the optimization of the enrollment process for fingerprints devices", International Conference on Information Systems Security and Privacy (ICISSP), 2015.
33. B. Vibert, J.-M. Le Bars, C. Charrier, **C. Rosenberger**, "Comparative study of minutiae selection algorithms for ISO fingerprint templates", Media Watermarking, Security, and Forensic, SPIE Conference on Electronic imaging, 2015
34. A. Plateaux, P. Lacharme, Audun Josang, **C. Rosenberger**, "One-time biometrics for Online Banking and Electronic Payment Authentication", workshop on Security and Cognitive Informatics for Homeland Defense, International Conference on Availability, Reliability and Security (ARES), 2014.
35. Z. Yao, C. Charrier, **C. Rosenberger**, "Utility Validation of a New Fingerprint Quality Metric", NIST International Biometric Performance Testing Conference (IBPC), 2014.
36. B. Vibert, J. Lebouteiller, F. Keita, **C. Rosenberger**, "Biometric Sensor and Match-On-Card Evaluation platform", NIST International Biometric Performance Testing Conference (IBPC), 2014.
37. V. Alimi, S. Vernois, **C. Rosenberger**, "Analysis of Embedded Applications By Evolutionary Fuzzing", Workshop on Security and High Performance Computing Systems (SHPCS), The IEEE International Conference on High Performance Computing & Simulation (HPCS), Bologna - Italy, 2014.
38. Z. Yao, C. Charrier, **C. Rosenberger**, "A preliminary study of fingerprint quality assessment of minutiae template" Summer school in Advanced Studies on Biometrics for Secure Authentication, 2014.

39. R. Giot, **C. Rosenberger**, B. Dorizzi, "A New Protocol to Evaluate the Resistance of Template Update Systems Against Zero-Effort Attacks", IEEE Computer society Conference on Computer Vision and Pattern Recognition (CVPR), Biometrics Workshop, 2013.
40. A. Plateaux, P. Lacharme, V. Coquet, S. Vernois, K. Murty and **C. Rosenberger**, "An e-payment architecture ensuring a high level of privacy protection", International Conference on Security and Privacy in Communication Networks (SecureComm), 2013.
41. P. Lacharme, E. Cherrier, **C. Rosenberger**, "Preimage attack on BioHashing", International Conference on Security and Cryptography (SECRYPT), 2013.
42. M. El Abed, A. Ninassi, C. Charrier and **C. Rosenberger**, "Fingerprint Quality Assessment Using a No-Reference Image Quality Metric", EUSIPCO conference, 2013.
43. S. Zulkarnain Syed Idrus, E. Cherrier, **C. Rosenberger** and P. Bours, "Soft Biometrics Database: A Benchmark For Keystroke Dynamics Biometric Systems", IEEE Conference BIOSIG, 2013.
44. A. Plateaux, P. Lacharme, **C. Rosenberger** and K. Murty, "A Contactless E-health Information System with Privacy", In IEEE International Wireless Communications and Mobile Computing Conference (IWCMC), pp. 6, 2013.
45. S. Zulkarnain Syed Idrus, E. Cherrier, **C. Rosenberger** and P. Bours, "Soft Biometrics For Keystroke Dynamics", International Conference on Image Analysis and Recognition (ICIAR), 2013.
46. S. Zulkarnain Syed Idrus, E. Cherrier, **C. Rosenberger**, J.-J. Schwartzmann, "A Review on Authentication Methods", International Malaysia-Ireland joint Symposium on Engineering, Science and Business (IMiEJS) 2013.
47. A. Plateaux, P. Lacharme, K. Murty, **C. Rosenberger**, "Online user's registration respecting privacy", International Conference on Mobile Applications and Security Management (ICMASM), 2013.
48. M. Beton, V. Marie, **C. Rosenberger**, "Biometric Secret Path for Mobile User Authentication: A Preliminary Study", International Conference on Mobile Applications and Security Management (ICMASM), 2013.
49. B. Vibert, A. Ninassi, **C. Rosenberger**, "Security and Performance Evaluation Platform of Biometric Match On Card", International Conference on Mobile Applications and Security Management (ICMASM), 2013.
50. R. Giot, A. Ninassi, M. El-Abed, **C. Rosenberger**, "Analysis of the Acquisition Process for Keystroke Dynamics", IEEE Conference BIOSIG, 2012.
51. M. Baloul, E. Cherrier, **C. Rosenberger**, "Challenge-based Speaker Recognition For Mobile Authentication", IEEE Conference BIOSIG, 2012.
52. R. Giot, **C. Rosenberger**, B. Dorizzi, "Hybrid Template Update System for Unimodal Biometric Systems". In IEEE International Conference on Biometrics: Theory, Applications and Systems (BTAS), 2012.
53. A. Josang, K. A. Varmedal, **C. Rosenberger** and R. Kumar, "Service Provider Authentication Assurance", International Conference on Privacy, Security and Trust (PST), 2012
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