

[?]  
 [?]  
 [?]

## References

- [1] J.C. Maturana-Espinosa, V. González-Ruiz, J.P. García-Ortiz, and D. Müller. Rate Allocation for Motion Compensated JPEG2000. In A. Bilgin, M.W. Marcellin, J. Serra-Sagrista, and J.A. Storer, editors, *Proceedings of Data Compression Conference (DCC)*, pages 72–81, march 2018. Snowbird, Utah, USA. Bibtex entry.
- [2] Cristóbal Medina-López, Vicente González-Ruiz, and Leocadio G. Casado. On mitigating pollution and free-riding attacks by Shamir’s Secret Sharing in fully connected P2P systems. In *2017 13th International Wireless Communications and Mobile Computing Conference (IWCMC)*, pages 711–716, June 2017. Valencia, Spain. Bibtex entry.
- [3] T.M. Santamaria López, M. Tapia-Leon, G. Lagos Reinoso, J. Chicaiza Espinosa, and V. González-Ruiz. ONTOLOGY OF THE PORTFOLIO FOR LEARNING IN HIGHER EDUCATION. In *10th annual International Conference of Education, Research and Innovation*, November (16-18) 2017. Seville, Spain. Bibtex entry.
- [4] G. Ortega, E.M. Garzón, N. Calvo-Cruz, J.L. Redondo, J.M. Salmerón, L. Casado, V. González, P. Ortigosa, C. Medina-López, J.J. Moreno Riado, M. Ruiz Ferrández, F. Orts, and S. Puertas. EDUCATIONAL STRATEGIES BASED ON LOW-COST PLATFORMS IN THE AREA OF COMPUTER ENGINEERING. In *ICERI2017 Proceedings*, pages 7212–7218, 16th-18th November 2017. . Bibtex entry.
- [5] G. Ortega, J.M.G. Salmerón, C. Medina-López, J.L. Redondo, J.F.R. Herrera, N.C. Cruz, G. Barrionuevo, P.M. Ortigosa, V. González-Ruiz, and E.M. Garzón. Procesadores de bajo coste y su aplicación en la docencia de Ingeniería de Computadores. In JENUI, editor, *Actas de las XXII Jenui*, pages 343–349, Julio 2016. Almería, Spain. Bibtex entry.
- [6] Cristóbal Medina-López, Ilshat Shakirov, Leocadio G. Casado, and Vicente González-Ruiz. On pollution attacks in fully connected P2P networks using trusted peers. In *International Conference on Intelligent Systems Design and Applications*, pages 144–153, December 2016. Oporto, Portugal. Bibtex entry.
- [7] Cristobal Medina-López, Vicente González-Ruiz, L. G. Casado, J.A.M. Naranjo, and Juan Pablo García-Ortiz. Ejecutando Peers P2PSP en Google Chromecast. In *Actas VI Jornadas de Computación Empotrada*, pages 123–129, Septiembre 2015. Cordoba. Bibtex entry.

- [8] Cristóbal Medina-López, L.G. Casado, and Vicente González-Ruiz. Pollution Attacks Detection in the P2PSP Live Streaming System. In *CISIS'15. 8<sup>th</sup> International Joint Conference Advances in Intelligent Systems and Computing*, pages 401–410, June 2015. Burgos, Spain. Bibtex entry.
- [9] Cristóbal Medina-López and Vicente González-Ruiz. P2PSP: Un Protocolo Colaborativo Para El Streaming De Vídeo En Directo. In *Jornada De Puertas Abiertas De Profesionales Digitales*, 2014. Universidad de Almería. Bibtex entry.
- [10] Leocadio González-Casado, Vicente González-Ruiz, José Antonio Martínez-García, Pilar Martínez-Ortigosa, Juan Francisco Sanjuan-Estrada, Gracia Ester Martín-Garzón, and Juan Francisco Rodríguez-Herrera. Integración Del Currículo De Cisco Netacad Como Complemento Docente. In *VII Jornadas De Innovación Docente En La Universidad De Almería*, 2014. Universidad de Almería. Bibtex entry.
- [11] Cristóbal Medina-López, Juan Pablo García Ortiz, J.A.M Maranjo, L.G. Casado, and Vicente González-Ruiz. IPTV using P2PSP and HTML5+WebRTC. In *The Fourth W3C Web and TV Workshop (Web & TV Convergence)*, page Paper Submission 5, March 2014. Munchen, Germany. Bibtex entry.
- [12] Cristóbal Medina-López, Juan Álvaro Muñoz-Naranjo, Juan Pablo García-Ortiz, Leocadio González-Casado, and Vicente González-Ruiz. Execution Of The P2PSP Protocol In Parallel Environments. In *XXIV Jornadas De Paralelismo*, Septiembre 2013. Madrid. Bibtex entry.
- [13] J.J. Sánchez-Hernández, J.P. García-Ortiz, Carmelo Maturana-Espinosa, Vicente González-Ruiz, and Daniel Müller. Streaming Interactivo de Secuencias de Imágenes JPEG2000 de Alta Resolución. In *Actas de las XXIV Jornadas de Paralelismo*, pages 139–144, September 2013. Madrid, Spain. Bibtex entry.
- [14] Carmelo Maturana-Espinosa, Joaquín García-Sobrino, J.J. Sánchez-Hernández, and Vicente González-Ruiz. Codificación de Vídeo Escalable usando Motion Compensated JPEG2000 con Control de Bit-Rate. In *Actas de las XXIV Jornadas de Paralelismo*, pages 324–329, September 2013. Madrid, Spain. Bibtex entry.
- [15] J.J. Sánchez-Hernández, J.P. García-Ortiz, C. Martín, Carmelo Maturana-Espinosa, Vicente González-Ruiz, and Daniel Müller. Improved JPIP-compatible architecture for video streaming of JPEG 2000 image sequences. In *Proceedings of the II Workshop on Multimedia Data Coding and Transmission (WMDCT)*, pages 33–37, September 2012. Elche, Alicante, Spain. Bibtex entry.

- [16] Carmelo Maturana-Espinosa, J.J. Sánchez-Hernández, J.P. García-Ortiz, and Vicente González-Ruiz. Scalable Video Coding using Motion Compensated JPEG 2000. In *Proceedings of the II Workshop on Multimedia Data Coding and Transmission (WMDCT)*, pages 38–43, September 2012. Elche, Alicante, Spain. Bibtex entry.
- [17] J.P. García-Ortiz, C. Martín, V. González-Ruiz, J.J. Sánchez-Hernández, I. García, and D. Müeller. Efficient and scalable open-source JPIP server for streaming of large volumes of image data. In *IEEE International Conference on Consumer Electronics*, pages 380–384, September 2011. Berlin, Germany. Bibtex entry.
- [18] J.J. Sánchez-Hernández, J.P. García-Ortiz, V. González-Ruiz, I. García, and D. Müller. Transmission of low-motion JPEG2000 image sequences using client-driven conditional replenishment. In *Proceedings of the International Conference on Signal Processing and Multimedia Applications (SIGMAP)*, pages 11 – 16, July 2011. Sevilla, Spain. Bibtex entry.
- [19] J.P. García-Ortiz, J.M. Dana, V. González-Ruiz, and I. García. Broadcasting of H.264/SVC video over BitTorrent-like networks. In *Actas del Workshop on Multimedia Data Coding and Transmission (WMDCT)*, pages 41–46, Septiembre 2010. Valencia, Spain. Bibtex entry.
- [20] J.P. García-Ortiz, V. González-Ruiz, I. García, D. Müller, and G. Dimitoglou. Interactive Browsing of Remote JPEG 2000 Image Sequences. In *International Conference on Pattern Recognition (ICPR)*, pages 3179–3182, August 2010. Istanbul, Turkey. Bibtex entry.
- [21] J.P. García-Ortiz, V. González-Ruiz, I. García, D. Müller, and G. Dimitoglou. An efficient prefetching strategy for remote browsing of JPEG 2000 image sequences. In *Proceedings of Workshop on Image Analysis for Multimedia Interactive Services (WIAMIS)*, pages 1 – 4, April 2010. Desenzano del Garda, Italia. Bibtex entry.
- [22] G. Martín, V.G. Ruiz, A. Plaza, J.P. Ortiz, and I. García. Impact of JPEG2000 Compression on Spatial-Spectral Endmember Extraction from Hyperspectral Data. In *Proceedings of SPIE, Satellite Data Compression, Communication and Processing V*, pages 74550A1 – 74550A11, August 2009. San Diego, CA, United States. Bibtex entry.
- [23] J.P. Ortiz, V.G. Ruiz, and I. García. Virtual Slide Telepathology Systems with JPEG2000. In *29th Annual International Conference of the IEEE EMBS (Engineering in Medicine and Biology Society)*, pages 880 – 883, August 2007. Lyon, France. Bibtex entry.
- [24] M.F. López, V.G. Ruiz, and I. García. An Empirical Measurement of the Coding Efficiency in Scalable Video Coding. In *Second International Conference on Geometric Modelling and Imaging (GMAI)*, pages 154 – 159, July 2007. Zurich, Switzerland. Bibtex entry.

- [25] J.P. Ortiz, V.G. Ruiz, F. Marcano, and O. Ferrer-Roca. Sticking and remote browsing of images using JPEG2000 and JPIP. In *XV Winter Course of CATAI*, pages 112 – 116, Marzo 2007. La Laguna, España. Bibtex entry.
- [26] J.P. Ortiz, V.G. Ruiz, and I. García. An efficient client-based JPEG2000 image transmission protocol. In *Proceedings of the IS&T/SPIE 19th Annual Symposium on Electronic Imaging Science and Technology*, pages 0S-1 – 0S-12, January 2007. San José, California, USA. Bibtex entry.
- [27] M.F. López, S.G. Rodríguez, J.P. Ortiz, J.M. Dana, V.G. Ruiz, and I. García. Fully scalable video coding with packed stream. In *Proceedings of the IS&T/SPIE 17th Annual Symposium on Electronic Imaging Science and Technology*, pages 378–389, January 2005. San José, California, USA. Bibtex entry.
- [28] M.F. López, S.G. Rodríguez, J.P. Ortiz, V.G. Ruiz, and I. García. FSVC: Un nuevo codificador escalable de vídeo. In *Actas de las XVI Jornadas de Paralelismo*, pages 537–544, Septiembre 2005. Granada, España. Bibtex entry.
- [29] J.M. Dana, V.G. Ruiz, M.F. López, S.G. Rodríguez, J.P. Ortiz, and I. García. Transmisión Multicast en Tiempo Real de Vídeo MPEG-4. In *Actas de las XVI Jornadas de Paralelismo*, pages 229–234, Septiembre 2005. Granada, España. Bibtex entry.
- [30] J.P. García-Ortiz, V.G. Ruiz, and I. García. Remote browsing of JPEG 2000 images on the Web: evaluation of existing techniques and a new proposal. In *Proceedings of the Fourth IASTED International Conference on Visualization, Imaging, and Image Processing*, pages 854–859, September 2004. Marbella, Spain. Bibtex entry.
- [31] J.P. García-Ortiz, V.G. Ruiz, and I. García. Improving the remote browsing of JPEG 2000 images on the Web. In *Proceedings of the Fourth IASTED International Conference on Visualization, Imaging, and Image Processing*, pages 890–895, September 2004. Marbella, Spain. Bibtex entry.
- [32] J.P. Ortiz, V.G. Ruiz, and I. García. An efficient technique for remote browsing of JPEG 2000 images on the Web. In *Actas de las XV Jornadas de Paralelismo. Computación de Altas Prestaciones*, pages 322–327, Septiembre 2004. Almería, España. Bibtex entry.
- [33] J.P. Ortiz, V.G. Ruiz, and I. García. Improved JPIP protocol with proxy caching. In *Actas de las XV Jornadas de Paralelismo. Computación de Altas Prestaciones*, pages 328–333, Septiembre 2004. Almería, España. Bibtex entry.
- [34] M.F. López, S.G. Rodríguez, J.P. Ortiz, V.G. Ruiz, and I. García. Técnicas para la codificación escalable de vídeo. In *Actas de las XV Jornadas de Paralelismo. Computación de Altas Prestaciones*, pages 408–413, Septiembre 2004. Almería, España. Bibtex entry.

- [35] S.G. Rodríguez, M.F. López, V.G. Ruiz, and I. García. Real time software-only bit rate reducing MPEG sequences. In *Actas de las XV Jornadas de Paralelismo. Computación de Altas Prestaciones*, pages 396–399, Septiembre 2004. Almería, España. Bibtex entry.
- [36] V.G. Ruiz, J.P. García-Ortiz, J.J. Fernández, J.M. Carazo, and I. García. Progressive image transmission in telemicroscopy. In *Proceedings of the thirteenth European Microscopy Congress, EMC 2004*, pages 395–396, August 2004. Antwerp, Belgium. Bibtex entry.
- [37] V.G. Ruiz, J.J. Fernández, M.F. López, and I. García. A rigorous evaluation of progressive image transmission methods for telemicroscopy of biological specimens. In *Proceedings of the IASTED International Conference Visualization, Imaging and Image Processing*, pages 281–286, September 2003. Benalmádena, Málaga, Spain. Bibtex entry.
- [38] V.G. Ruiz, M.F. López, I. García, and E.M.T. Hendrix. Improving MPEG-2 through JPEG 2000. In *Proceedings of the IASTED International Conference Visualization, Imaging and Image Processing*, pages 287–290, September 2003. Benalmádena, Málaga, Spain. Bibtex entry.
- [39] V.G. Ruiz, M.F. López, I. García, and E.M.T. Hendrix. JPEG2000 vs. JPEG in MPEG encoding. In *Proceedings of the First International Workshop on Interactive Rich Media Content Production: Architectures, Technologies, Applications, Tools*, pages 61–67, October 2003. Lausanne, Switzerland. Bibtex entry.
- [40] V.G. Ruiz, J.J. Fernández, M.F. López, and I. García. Wavelet-based vs. DCT-based progressive compression of biological specimens images. In *Proceedings of the First International Workshop on Interactive Rich Media Content Production: Architectures, Technologies, Applications, Tools*, pages 89–95, October 2003. Lausanne, Switzerland. Bibtex entry.
- [41] J.A. Alvarez, V.G. Ruiz, J.F. Sanjuan, J. Roca, and C.A. Bermejo. J1ógica, un entorno de diseño de sistemas digitales. In *Actas de las IX Jornadas de Enseñanza Universitaria de la Informática*, pages 581–584, Julio 2003. Cádiz, España. Bibtex entry.
- [42] M.F. López, V.G. Ruiz, J.J. Fernández, I. García, U. Thiele, and R. Gredel. Evaluation of a progressive lossless compressor for the transmission of astronomical images. In *Proceedings of the IASTED International Conference Visualization, Imaging and Image Processing*, pages 219–224, September 2002. Benalmádena, Málaga, Spain. Bibtex entry.
- [43] J.L. Pérez-Córdoba, V.G. Ruiz, and I. García. Progressive image transmission over a noisy channel using wavelet transform and channel optimized vector quantization. In *Proceeding of the IEEE International Conference on Image Processing*, pages 725–728, September 2002. Rochester, New York, USA. Bibtex entry.

- [44] M.F. López, V.G. Ruiz, J.J. Fernández, and I. García. Progressive-fidelity image transmission for telebrowsing: an efficient implementation. In *Proceedings of the IASTED International Conference Visualization, Imaging and Image Processing*, pages 334–339, September 2001. Marbella, Spain. Bibtex entry.
- [45] V.G. Ruiz, J.J. Fernández, and I. García. Image compression for progressive transmission. In *Proceedings of the Nineteenth IASTED International Conference Applied Informatics: Advances in Computer Applications*, pages 519–524, February 2001. Innsbruck, Austria. Bibtex entry.
- [46] Ruiz V.G., M.F. López, J.J. Fernández, and I. García. Techniques for speeding up the SPIHT progressive image compressor. In *Proceedings of the IASTED International Conference Visualization, Imaging and Image Processing*, pages 323–327, September 2001. Marbella, Spain. Bibtex entry.
- [47] J.A. Gil, J.L. Guzman, and V.G. Ruiz. Una simulación del procesador MIPS R2000. In *Actas del IV Congreso de Tecnologías Aplicadas a la Enseñanza de la Electrónica*, pages 283–286, Septiembre 2000. Barcelona, España. Bibtex entry.
- [48] V.G. Ruiz. Diseño de simuladores digitales usando SDLC++. In *Actas del IV Congreso de Tecnologías Aplicadas a la Enseñanza de la Electrónica*, pages 279–282, Septiembre 2000. Barcelona, España. Bibtex entry.
- [49] V.G. Ruiz, J.J. Fernández, and I. García. Lossless compression for electron microscopy images. In *Actas del VIII Simposium Nacional de Reconocimiento de Formas y Analisis de Imágenes*, pages 33–34, Mayo 1999. Bilbao, España. Bibtex entry.
- [50] J.A. Martínez, V.G. Ruíz, and I. García. Software para el diseño y simulación de un procesador. In *Taller Iberoamericano de la Enseñanza de la Física Universitaria*, pages 413–423, 1999. . Bibtex entry.
- [51] J.A. Martínez, V.G. Ruiz, L.G. Casado, J.J. Fernández, and I. García. Evaluación de un multicomputador con alta relación calidad/precio: una solución para laboratorios docentes. In *Actas de las IX Jornadas de Paralelismo*, pages 153–157, Septiembre 1998. San Sebastian, España. Bibtex entry.
- [52] J.A. Martínez, V.G. Ruiz, and I. García. Software para el diseño y simulación de un procesador. In *Actas del I Taller Iberoamericano de la Enseñanza de la Física Universitaria*, pages 413–423, Enero 1997. La Habana, Cuba. Bibtex entry.
- [53] V.G. Ruiz and I. García. On the computation of the fast Hadamard transform for large amounts of data. In *Actas del VII Simposium Nacional de Reconocimiento de Formas y Analisis de Imágenes*, pages 12–13, Abril 1997. Barcelona, España. Bibtex entry.

- [54] V.G. Ruiz and I. García. A lossy data compressor based on the LZW algorithm. In *Proceedings of the 7th International Conference on Signal Processing Applications and Technology*, pages 1002–1006, October 1996. Boston, USA. Bibtex entry.
- [55] V.G. Ruiz, J.A. Martínez, and I. García. Simulador Digital en Lenguaje C: SDLC. In *Actas del II Congreso de Tecnologías Aplicadas a la Enseñanza de la Electrónica*, pages 31–36, Septiembre 1996. Sevilla, España. Bibtex entry.
- [56] V.G. Ruiz and I. García. Una implementación del algoritmo de Lempel-Ziv Welch. In *Actas de las I Jornadas de Informática*, pages 281–292, Julio 1995. Tenerife, España. Bibtex entry.
- [57] V. González-Ruiz and I. García. Una solución paralela a la compresión de imágenes. In *Actas de las Nuevas Tendencias en la Informática: Arquitecturas Paralelas y Programación Declarativa*, pages 185–199, Julio 1994. Albacete, España. Bibtex entry.
- [58] V.G. Ruiz and I. García. Image compression using the Hadamard transform on Transputer arrays. In *Edinburgh Parallel Computing Centre. Project Directory 1994*, pages 29–31, September 1994. Scotland, UK. Bibtex entry.