Djamal MERAD

Publications 2010-2014

1. Liste de publications

1.1. Revues

1. Pierre DRAP - Julien SEINTURIER - Bilal HIJAZI - **Djamal MERAD** - Jean-Marc BOI Bertrand CHEMISKY - Emmanuelle SEGUIN - Luc LONG. *"The ROV 3D Project: Deep-sea underwater survey using photogrammetry. Applications for underwater archaeology".* Journal on Computing and Cultural Heritage, 2015 (à paraitre)

2. Ignasi MONTERO-SERRA - Cristina LINARES - Marina GARCÍA - Francesca PANCALDI - Maša FRLETA-VALIC - Jean-baptiste LEDOUX - Frédéric ZUBERE - **Djamal MERAD** - Pierre DRAP - Joaquim GARRABOU. *"Harvesting effects, recovery mechanisms and management strategies for a long-lived and structural precious coral."*, in : PloS One, Vol. 10 (2), pp. p. e0117250, fev 2015

3. Pierre DRAP - Julien SEINTURIER - Bilal HIJAZI - **Djamal MERAD** - Jean-Marc BOI Bertrand CHEMISKY - Emmanuelle SEGUIN -Luc LONG. *"Le projet ROV 3D: relevé sous-marin en grande profondeur par photogrammétrie. Applications à l'archéologie sous-marine".* Revue XYZ (Association Française de Topographie), no. 142 (2015): 28-40.

4. Pierre DRAP - **Djamal MERAD** - Amine MAHIDDINE - Julien SEINTURIER - Pierrick GERENTON - Daniela PELOSO - Jean-marc BOÏ. *"In situ underwater measurements of red coral: Non-intrusive approach based on coded targets and photogrammetry"*, in : International Journal of Heritage in the Digital Era, mar 2014

5. Pierre DRAP - **Djamal MERAD** - Amine MAHIDDINE - Julien SEINTURIER - Daniela PELOSO - Jean-marc BOÏ - Bertrand CHEMISKY - Luc LONG. *"Underwater Photogrammetry for Archaeology. What Will Be the Next Step?"* , in : International Journal of Heritage in the Digital Era, Vol. 2 (3), pp. 375-394, nov 2013

6. Pierre DRAP - **Djamal MERAD** - Julien SEINTURIER - Amine MAHIDDINE - Jean-marc BOÏ - Daniela PELOSO - Guido VANNINI - Michele NUCCIOTI - Elisa PRUNO. *"Dal rilievo fotogrammetrico all'analisi dei dati. Il progetto Shawbak."* , in : Archeologia e Calcolatori, Vol. 24, pp. 329-340, mar 2013

1.2. Chapitres d'ouvrage

7. Pierre DRAP - **Djamal MERAD** - Jean-marc BOÏ - Amine MAHIDDINE - Daniela PELOSO - Bertrand CHEMISKY - Emmanuelle SEGUIN - Frederic ALCALA - Olivier BIANCHIMANI. *"Underwater Multimodal Survey: Merging Optical and Acoustic Data",* in : Springer, Underwater Seascapes , mar 2014

8. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Véronique DRAI-ZERBIB - Thierry BACCINO - Bernard FERTIL*. "Degree of Subject's Indecisiveness Characterized by Eye Movement Patterns in Increasingly Difficult Tasks" ,* in : Springer, Current Trends in Eye Tracking Research, Horsley, M.; Eliot, M.; Knight, B.; Reilly, R., dec 2013

1.3. Conférences internationales avec comité de lecture

9. Maha JAZOULI, Aicha MAJDA, **Djamal Merad** and Arsalane ZARGHILI. *"Moving object detection by background subtraction with radiometric similarity and a dynamic threshold".* International Conference on Electrical and Information Technologies. ICEIT'15   March 25-27, 2015 Marrakech, Morocco

10. Ignasi MONTERO-SERRA - Cristina LINARES - Marina GARCÍA - Francesca PANCALDI - Maša FRLETA-VALIC - Jean-baptiste LEDOUX - Frédéric ZUBERE - **Djamal MERAD** - Pierre DRAP - Joaquim GARRABOU. *"Long-term dynamics of red coral populations in the NW Mediterranean: from population dynamics to management strategies."* , 2nd Mediterranean Symposium on the conservation of coralligenous and other calcareous bio-concretions, Portoro Eslovenia, oct 2014

11. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Véronique DRAI-ZERBIB - Pierre DRAP - Thierry BACCINO - Bernard FERTIL. *"Identification of purchasing scenarios through eye-tracking features"*, UbiComp Adjunct 2014, pp. 1131-1140, sep 2014

12. Ignasi MONTERO-SERRA - Cristina LINARES - Marina GARCÍA - Francesca PANCALDI - Maša FRLETA-VALIC - Jean-baptiste LEDOUX - Frédéric ZUBERE - **Djamal MERAD** - Pierre DRAP - Joaquim GARRABOU. *"Fishing effects, recovery patterns and management strategies for long-lived and structural precious corals"* , International Marine Conservation Congress, Glasgow, Scotland, aou 2014

13. Amine MAHIDDINE - **Djamal MERAD** - Pierre DRAP - Jean-marc BOÏ. *"Partial 3D-Object Retrieval using Level Curves"* , in : IEEE, International Conference of Soft Computing and Pattern Recognition (SoCPaR), 2014, pp. 77 - 82 , http://dx.doi.org/10.1109/SOCPAR.2014.7007985, aou 2014

14. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Sébastien PARIS - Bernard FERTIL. *"Combining regression and classification methods for age band estimation from human faces"* , 8th International Symposium on Image and Signal Processing and Analysis. Trieste, Italy., sep 2013 A

15. Pierre DRAP - **Djamal MERAD** - Amine MAHIDDINE - Julien SEINTURIER - Pierrick GERENTON - Daniela PELOSO - Jean-marc BOÏ. *"Automating the measurement of red coral in situ using underwater photogrammetry and coded targets"* , XXIV CIPA International Symposium Recording, Documentation and cooperation for Cultural Heritage, sep 2013

16. Julien SEINTURIER - Christophe RIEDINGER - Amine MAHIDDINE - Daniela PELOSO - Jean-marc BOÏ - **Djamal MERAD** - Pierre DRAP. *"Towards a 3D based platform for cultural heritage site survey and virtual exploration"* , XXIV CIPA International Symposium Recording, Documentation and cooperation for Cultural Heritage, sep 2013

17. Amine MAHIDDINE - Julien SEINTURIER - Daniela PELOSO - Hakim BOULAASSAL - Jean-marc BOÏ - **Djamal MERAD** - Pierre DRAP. *"Validating photogrammetric orientation steps by the use of relevant theoretical models. Implementation in the "arpenteur" framework"* , XXIV CIPA International Symposium Recording, Documentation and cooperation for Cultural Heritage, sep 2013

18. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Sébastien PARIS - Véronique DRAI-ZERBIB - Thierry BACCINO - Bernard FERTIL. *"A regression-based method for the prediction of the indecisiveness degree through eye movement patterns"* , Eye Tracking South Africa (ETSA 2013). Cape Town, South Africa., aou 2013 A

19. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Sébastien PARIS - Bernard FERTIL. *"A proposal of a solution for age band prediction from human faces."* , 10th IEEE International Conference on Advanced Video and Signal-Based Surveillance. Krakow, Poland, aou 2013 A

20. Pierre DRAP - **Djamal MERAD** - Julien SEINTURIER - Jean-marc BOÏ - Daniela PELOSO - Guido VANNINI - Michele NUCCIOTI - Elisa PRUNO. *"An information system for medieval archaeology based on photogrammetry and archaeological database: The shawbak castle project* " , Progress in Cultural Heritage Preservation, 4th International Conference, EuroMed 2012, Limassol, Cyprus, oct 2012

21. Amine MAHIDDINE - Julien SEINTURIER - Daniela PELOSO - Jean-marc BOÏ - Pierre DRAP - **Djamal MERAD**. *"Underwater image preprocessing for automated photogrammetry in high turbidity water"* , Proceedings of the 18th International Conference on Virtual Systems and Multimedia, pp. 189-194, sep 2012

22. Pierre DRAP - **Djamal MERAD** - Jean-marc BOÏ - Julien SEINTURIER - Daniela PELOSO - Christophe RIEDINGER - Guido VANNINI - Michele NUCCIOTI - Elisa PRUNO. *"Phogrammetry for medieval archaeology, A way to represent and analyse stratigraphy"* , 18th International Conference on Virtual Systems and Multimedia, , VSMM 2012 , Milan, Italy , sep 2012

23. Amine MAHIDDINE - Julien SEINTURIER - Jean-marc BOÏ - Pierre DRAP - **Djamal MERAD**. *"Performances Analysis of Underwater Image Preprocessing Techniques on the Repeatability of SIFT and SURF Descriptors"* , Proceedings of the 20th International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision, pp. 275-282, jui 2012

24. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Thierry BACCINO - Véronique DRAI-ZERBIB - Bernard FERTIL. *"Subject's indecisiveness degree characterization through eye movement patterns in increasing difficulties tasks"*, ETA 2012. Eye Track Australia Conference. Noosaville, QLD, Australia, avr 2012 A

25. Pierre DRAP - **Djamal MERAD** - Jean-marc BOÏ - Wafia BOUBGHIRA - Amine MAHIDDINE - Bertrand CHEMISKY - Emmanuelle SEGUIN - Frederic ALCALA - Olivier BIANCHIMANI. *"ROV-3D. 3D underwater survey combining optical and acoustic sensor"*, in : Eurographics Association, VAST11: The 12th International Symposium on Virtual Reality, Archaeology and Intelligent Cultural Heritage, Niccolucci F, Dellepiane M, Serna S P, Rushmeierand H, Gool L V, pp. 177-184, jan 2012

26. Kheir-eddine AZIZ - **Djamal MERAD** - Bernard FERTIL. *"People re-identification across multiple non-overlapping cameras system by appearance classification and silhouette part segmentation"* , IEEE International Conference on Advanced Video and Signal-Based Surveillance, Vol. , AVSS 2011, Klagenfurt, Autriche, aou 2011

27. Kheir-eddine AZIZ - **Djamal MERAD** - Bernard FERTIL. *"Person re-identification using appearance classification"*, International Conference Image Analysis and Recognition, ICIAR 2011, Burnaby, Canada, jui 2011

28. Kheir-eddine AZIZ - **Djamal MERAD** - Thome NICOLAS - Bernard FERTIL. *"People counting using skeleton graph and tracking"*, The IASTED International Conference on Signal and Image Processing and Applications, SIPA 2011, Crete, Greece, jui 2011

29. Kheir-eddine AZIZ - **Djamal MERAD** - Thome NICOLAS - Bernard FERTIL. *"Pedestrian head detection and tracking by graph skeleton for people counting in crowded environments"* , IAPR Conference on Machine Vision Applications, MVA2011, Nara Centennial Hall (JAPAN), jui 2011

30. **Djamal MERAD** - Kheir-eddine AZIZ - Nicolas THOME. *"Fast people counting using head detection from skeleton graph"*, IEEE International Conference on Advanced Video and Signal-Based Surveillance , (AVSS 2010), Boston (USA), sep 2010

31. **Djamal MERAD** - Kheir-eddine AZIZ - Nicolas THOME. *"People Counting using Head Detection from Skeleton Graph"* , Thirteenth IEEE International Workshop on Performance Evaluation of Tracking and Surveillance, PETS 2010, sep 2010.

1.4. *Conférences nationales avec comité de lecture*

32. Daniela PELOSO - Pierre DRAP - **Djamal MERAD** - Jean-marc BOÏ - Christophe RIEDINGER - Guido VANNINI - Michele NUCCIOTI - Elisa PRUNO, *"Fotogrammetria e Computer Science per Analisi e Visualizzazione dell'Archeologia degli Elevati"*, the Atti 2012, 16a Conferenza Nazionale ASITA, Fiera di Vicenza, pp. pp.1083-1089, nov 2012 isbn/issn:978-88-903132-7-1

33. Jean-marc BOÏ - Pierre DRAP - **Djamal MERAD** - Bertrand CHEMISKY, "Relevés optiques et acoustiques de sites sous-marins", Paysages sous-marins, Agence Des Aires Marines Protégées, Océanopolis, Brest,France , mar 2011

34. Kheir-eddine AZIZ - **Djamal MERAD** - Bernard FERTIL - Sébastien PARIS, *"Suivi multi-caméras par la ré-identification de personnes"*, 22es Journées de l'Association Francophone d'Informatique Graphique, AFIG, nov 2009.

1.5. *Conférences sans actes*

35. Yannick LUFIMPU-LUVIYA - **Djamal MERAD** - Sébastien PARIS - Bernard FERTIL, *"A structural representation of the customer's behavior for the characterization of the indecisiveness class"*, 28th International Congress of Applied Psychology, jui 2014

1.6. Brevet

36. Pierre DRAP - Julien SEINTURIER - **Djamal MERAD** - Bertrand CHEMISKY - Emmanuelle SEGUIN – Frederic ALCALA, *"Système de prise d'images permettant l'odométrie en temps réel et la réalisation d'un modèle tridimensionnel"*. Num sou : 10000249064, 16 juillet 2014