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CONFÉRENCES INTERNATIONALES 2020 - 2025

Conférences internationales avec comité de lecture et actes 2020 - 2025

2024

Fadila Maroteaux, Salim SEBAI, Ezio Mancaruso, Salvatore Rossetti, Patrick Schembri, Katia Radja, Arnault Barichella.. Numerical and Experimental analysis of Dual Fuel Hydrogen/Diesel Combustion at varying engine speed in a Single Cylinder Engine. CSM 2024 – 4th Conference on sustainable Mobility. Calania (Italy). 18-20 septembre 2024.

J. Cosmas, K. Ali, H. Malki, A. Kapovits, I. Koffman, B. Azoulay, C. Lartigue, E. Plascencia, B. Béchadergue, B. Cagneau, L. Chassagne, A. Gavras, Optical 6G Cell Free Networks for High Performance Communications and Sensing in Industry 4.0, IEEE Future Networks World Forum, (Dubai, UAE), October 2024.

2023

A. Santa Cruz, T. Combret, F. Hadri, et S. Guillou., Experimental characterisation of the wake of a bottom-mounted two tandem of cylinders placed in a high velocity area. 15th European Wave and Tidal Energy Conference (EWETEC), 3re to 7th september 2023, Bilbao, Spain

F. Khaled, S. Guillou, F. Hadri, and Y. MEAR, Effects of the spacing between two hydrokinetic turbines on the bedforms by numerical simulations, 15th European Wave and Tidal Energy Conference (EWETEC), 3re to 7th september 2023, Bilbao, Spain

Jean Tshibangu Muabila, Sebti Mouelhi, Patrick Leserf and Amar Ramdan-Cherif, 'Refining SUMO Simulation Strategies for Realistic Traffic Patterns: Insights from Field Experience'. In the 7th International Conference on System Reliability and Safety (ICSRS 2023), November 22-24, Bologna, Italy, 2023

Nicolas Chollet, Naila Bouchemal, Amar Ramdane-Cherif , IoT-Enabled Agroecology: Advancing Sustainable Smart Farming through Knowledge-based Reasoning, In KEOD 2023, 15th International Conference on Knowledge Engineering and Ontology Development, Rome , Italy , 13-15 November , 2023 (the Best Paper Award)

Manolo Hina, Amar Ramdane-Cherif, Optimization of a network of cameras to monitor an area in a smart city. In International Conference on Electrical, Computer and Energy Technologies (ICECET 2023), 16-17 November, Cape Town-South Africa, 2023

A. Cailean, C. Beguni, S-A. Avtmniei, M. Dimian, L. Chassagne, B. Béchadergue, Experimental evaluation of an indoor Visible Light Communications System in Light Dimming Conditions, 31st Telecommunications forum, TELFOR, IEEE|DOI:10.1109/TELFOR59449.2023.10372674 (Belgrade - Serbia) 2023.

A. Cailean, C. Beguni, S-A. Avtmniei, E. Zadobrischi, M. Dimian, B. Béchadergue, L. Chassagne, Introducing A New Paradigm in Visible Light Communications: Light Distribution With Optical Fibers, 31st Telecommunications forum, TELFOR, IEEE|DOI: 10.1109/TELFOR59449.2023.10372695 (Belgrade - Serbia) 2023.

Nicolas Chollet, Naila Bouchemal, Amar Ramdane-Cherif. “Embedded AI and Computation Offloading for 6G Green Communication”, In 6gNet, International Conference on 6G Networking, October 18-20, Paris, France, 2023

Fadila Maroteaux, Ezio Mancaruso, Pierre-Lin Pommier, Bianca Maria Vaglieco, Theoretical Analysis of Multi-zone and Transported Probability Density Function Approaches Applied to Low Temperature Combustion Process. ICE2023, 16th International Conference on Engines & Vehicles. September 2023, Capri, Italie.

Ezio Mancaruso, Salvatore Rossetti, Bianca Maria Vaglieco, Roberta De Robbio, Fadila Maroteaux. UV and IR Digital Imaging to Analyze Hydrogen/Diesel Combustion with EGR in a Single Cylinder Research Engine. ICE2023, 16th International Conference on Engines & Vehicles. September 2023, Capri, Italie.

Selma Yahia, Selma Yahia, Amar Ramdane-Cherif , Hossien Eldeeb, Sami Muhaidat , Tu Dac Ho. Capacity Maximization for V2I-VLC System with Angular Diversity Receiver. In IEEE International Mediterranean Conference on Communications and Networking 4–7 September, Dubrovnik, Croatia 2

Selma Yahia, Selma Yahia, Sylia Mekhmoukh, Seyedali Mirjalili, Amar Ramdane-Cherif, Tu Dac Ho, Hossien Eldeeb, Sami Muhaidat, An Enhanced Aquila-Based Resource Allocation for Efficient Indoor IoT Visible Light Communication") in PIMRC'23 WS OWCN, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications; 5–8 September, Toronto, 2023

K. Mokhtari, M. Abdelaziz, A. El-Hadri, "A New Fractional Order Decentralized Simple Adaptive Control For Ordinary and fractional order ASPR systems" in ICNPAA Congress: Mathematical Problems in Engineering, Aerospace and Sciences, June 27-30, 2023, Prague.

H. Al Satai, B. Béchadergue, L. Chassagne, W. M. Ridha Shakir, Coverage Optimization With Beamsteering-Based Indoor Optical Wireless Communications, IEEE International Conference on Communications (ICC): Optical Networks and Systems Symposium 2023 (Rome – Italy), June 2023.

F Maroteaux, Analysis of low temperature combustion (LTC) process in internal combustion engines. 3rd Momentom International Congress, Energy at the crossroads.

2023, 8-10 march, ENS Paris-Saclay, France.

B. Béchadergue, T. Cazimajou, F. Mandorlo, and F. Calmon, "Indoor Optical Wireless Communication Coverage Optimisation Using a SiPM Photoreceiver," 2023 IEEE Wireless Communications and Networking Conference (WCNC), 2023.

Z. Liu, X. Zhang, and B. Béchadergue, "OWC channel measurement testbed building in indoor environment with m-CAP modulation," 2023 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB), 2023.

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H. AL Satai, B. Béchadergue and L. Chassagne, "Interest of Beamsteering on the Received Optical Power in Indoor Optical Wireless Communications," 2022 Junior Conference on Wireless and Optical Communications (JWOC), 2022.

Sylia Mekhmoukh Taleb, Yassine Meraihi, Amar Ramdane-Cherif, Asma Benmessaoud Gabis and Dalila Acheli, Enhanced White Shark Optimization Algorithm for the mesh routers placement problem with service priority in Wireless Mesh Networks, in MIDAS-2022, 3rd international Conference on Machine Intelligence and Dara Science Applications, Versailles October 28-29, Versailles, France, 2022 (the Best Paper Award).

Bikram Pratim Bhuyan, Ravi Tomar and Amar Ramdane Cherif, Statistical Machine Learning in Loan Analysis from Financial Institutions, in MIDAS-2022, 3rd international Conference on Machine Intelligence and Dara Science Applications, Versailles October 28-29, Versailles, France, 2022.

Amylia Ait Saadi, Assia Soukane, Yassine Meraihi, Asma Benmessaoud Gabis, Amar Ramdane-Cherif and Sylia Mekhmoukh Taleb, Unmanned Aerial Vehicles Path Planning based on an enhanced Whale Optimization Algorithm, in MIDAS-2022, 3rd international Conference on Machine Intelligence and Dara Science Applications, Versailles October 28-29, Versailles, France, 2022.

Hongyu Guan, Zhuosha Guo, Amar Ramdane-Cherif, Abderraouf Khezaz, Manolo Dulva Hina and Luc Chassagne, Intelligent Hybrid VLC/RF Communication Protocol for Train Data Transfer, in MIDAS-2022, 3rd international Conference on Machine Intelligence and Dara Science Applications, Versailles October 28-29, Versailles, France, 2022.

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Ramdane-cherif, An Enhanced White Shark Optimization Algorithm for Unmanned Aerial Vehicles Placement, In EAI CICom 2022 - 3rd EAI International Conference on Computational Intelligence and Communications, December 30-30, 2022, Brisbane, Australia.

W-C. Tseng, B-R. Chen, B. Cagneau, L. Chassagne, C-Y Liao, Additive Manufacturing for Tissue Engineering Applications in a Controlled Environment, International Conference on Intelligent Robots and Systems, IROS 2022 (Kyoto – Japan), October 2022.

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Souad Refas, Dalila Acheli, Selma Yahia, Yassine Meraihi, Amar Ramdane-Cherif Asma Benmessaoud Gabis and Hossien B. Eldeeb, Performance Analysis of Multi-Hop V2V-VLC System under Atmospheric Weather Conditions, In 2022 IEEE SETIT, 2022 IEEE 9th International Conference Science of electronics, technologies of information and telecommunications, (SETIT), Genoa-Italy and Sfax-Tunisia 28-30 May 2022.

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Manolo Hina, Assia Soukane, Amar Ramdane-Cherif , An Intelligent Smartphone-Based ADAS, International Conference on Intelligent and Fuzzy Systems, INFUS 2022 In book: Intelligent and Fuzzy Systems; pp.923-931, 19-21 July, Izmir, Turkey, 2022.

Sylia Mekhmoukh Taleb, Yassine Meraihi, Selma Yahia, Amar Ramdane-Cherif, Asma Benmessaoud Gabis and Dalila Acheli ; Efficient Coronavirus Herd Immunity Optimizer for the UAV Base Stations Placement Problem, International Symposium on Modelling and Implementation of Complex Systems, MISC 2022, Lecture Notes in Networks and Systems book series (LNNS,volume 593), pp 292–305, Mostaganem, Algeria, October 30-31, 2022.

2021

M. Benallegue, R. Cisneros, A. Benallegue, A. Tanguy, A. Escande, M. Morisawa, F. Kanehiro, On compliance and safety with torque-control for robots with high reduction gears and no joint-torque feedback, IEEE Int. Conference on Intelligent Robots and Systems (IROS'2021), September 27- October 1, 2021, Czech Republic, Online.

M. J. Hasan, M. A. Khalighi, L. N. Alves and B. Béchadergue, "Impact of Synchronization Errors on the Performance of ACO-OFDMA Signaling for Medical Extra-WBAN Links," 2021 IEEE 32nd Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), 2021.

Alexandre Lambert, Manolo Dulva Hina, Celine Barth, Assia Soukane, Amar Ramdane-Cherif: Modelling and Detection of Driver's Fatigue using Ontology. International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management - KEOD, 84-95, 2021.

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Abderraouf Khezaz, Manolo Dulva Hina, Amar Ramdane-Cherif, Hongyu Guan, Perception Enhancement of a Vehicle in a BadWeather Environment, In EAI CICom2021, 2nd EAI International Conference on Computational Intelligence and Communications, Versailles, 11 November 2021.

Manolo Dulva Hina, Assia Soukane, Amar Ramdane-Cherif, Knowledge Representation for Driving Context Cognition in a Smartphone-based ADAS, In ICECET'21, The 2nd International Conference on Electrical, Computer and Energy Technologies, Cape Town, South Africa, 09-10 December 2021.

Bikram Pratim Bhuyan, Ravi Tomar, Maanak Gupta, and Amar Ramdane Cherif, An Ontological Knowledge Representation for Smart Agriculture, In SmartFarm-2021/IEEE BigData 2021, IEEE International Conference on Big Data, December 15-18, Orlando, USA, 2021.

Selma Yahia, Yassine Meraihi, Asma Benmessaoud Gabis and Amar Ramdane-Cherif, Multi-Directional Vehicle-To-Vehicle Visible Light Communication With Angular Diversity Technology, IHSH'2020, The 2 International workshop on Human- Centric Smart

Environments for Health and well being, February 9-10, Boumerdés, Algeria, 2021.

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Azeddine Hamadi, Manolo Hina, Nadia Saadia, Galina Ivanova and Amar Ramdane-Cherif, Special Context Identification for an autonomous Mobile robot, in ACM - CompSysTech 2020, Ruse, Bulgaria (the best paper Award), June 2020.

Khezaz A., Ramdane-Cherif A., Hina M and Guan H., Driving context detection and validation using knowledge based reasoning, 21th international conference on Knowledge Engineering and Ontology Development, 2-4 November 2020.

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M. Benallegue, R. Cisneros, A. Benallegue, Y. Chitour, M. Morisawa, F. Kanehiro, Lyapunov-Stable Orientation Estimator for Humanoid Robots, IEEE Int. Conference on Intelligent Robots and Systems (IROS'2020), October 25-29, 2020, Las Vegas, NV, USA.

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Alaoui-Belghiti, A., Chevallier, S., Monacelli, E., Bao, G., & Azabou, E. (2020, May). Semi-supervised optimal transport methods for detecting anomalies. In ICASSP 2020-2020 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) (pp. 2997-3001). IEEE.

E. Plascencia, O. Shagdar, H. Guan, L. Chassagne, Study on Multi-user interference in vehicle to vehicle visible light communications, 9th international conference on advances in vehicular technology, Technlogies and Applications, Vehicular 2020 (Porto - Portugal), October 2020.

L-M. Cosovanu, E. Zadobrischi, M. Dimian, E. Plascencia, Unified road infrastructure safety system using Visible Light Communications, 28th Telecommunications Forum TELFOR 2020 (Novembre 2020).