Liste détaillée de production scientifique

Articles publiés dans des Revues Indexées (RI) dans une base de données :

RI.1. *Hanifi, M.*, Chibane, **H, Houssin,** R., Cavallucci, D, & Ghannad, N. (2022). A method for facilitating and accelerating extraction of the essential data in inventive design. Artificial Intelligence for Engineering Design, Analysis and Manufacturing Journal. ***Accepted***
SJR (Q2) : 0,41, Web of science , SCOPUS, JCR FI. 1.671

RI.2. Slim, R., Houssin, R., Coulibaly, A., Sun X, (2022), Analysis of industrial expectations for the integration of human factors from the early design phase", Scientia Iranica Journal, **en ligne Doi°:** 10.24200/sci.2022.56606.4807.
SCImago Journal Rank : SJR (Q2), Web of science , SCOPUS, JCR FI : 1.435

RI.3. *Mohamad Amir KESKES*, Alaeddine ZOUARI, Fatma LEHYANI, **Rémy HOUSSIN**, (2022), Circular economy implementation within manufacturing companies at Sfax -Tunisia: Barriers and opportunities Environmental Engineering and Management Journal, Volume 21, Issue 3, 2022. http://www.eemj.icpm.tuiasi.ro/accepted.htm
SJR (Q3) : 0,25, SCOPUS, JCR FI. 0.916

RI.4. *Hanifi, M.*, Chibane, **H, Houssin**, R., and Cavallucci, D. (2022). "Problem formulation in inventive design, using Doc2vec as an Artificial Intelligence method and Scientific Papers" *Engineering Applications of Artificial Intelligence Journal*. Volume 109, March 2022, 104661, https://doi.org/10.1016/j.engappai.2022.104661.
SJR (Q1) : 1,11, Web of science , SCOPUS, JCR FI. 6.212

RI.5. *Hanifi, M.*, Chibane, H., **Houssin, R.,** Cavallucci, D., IPG as a New Method to Improve the Agility of the Initial Analysis of the Inventive Design, FME Transactions, 2021, 49(3), pp. 549–562,
SJR (Q2) : 0,41, Web of science , SCOPUS, JCR FI. 0.41.

RI.6. *Slim*, R., **Houssin**, R., & Coulibaly, A., Chibane H., Lean System Design Framework based on Lean functionalities and criteria integration in production machines design phase, FME Transactions journal, Vol 49(3) , page 575-586, 2021.
SJR (Q2) : 0,41, Web of science , SCOPUS, JCR FI. 0.41.

RI.7. **Rémy Houssin**, Thierry J. Zagré, Mickael Gardoni, Proposal of temporal dimension based decision-making tool for end of mining project life cycle evaluation, Baltica journal 34/3, 2021. https://balticajournal.com/baltica/index.php/archive/part/34/3/1/?currentVol=34&currentissue=3
SJR (Q4) : 0,24, Web of science, SCOPUS, FI : 0.469

RI.8. *Slim*, R., **Houssin**, R., & Coulibaly, A., Hanifi M., Chibane H. "Framework for resolving problems resulting from Lean integration from the early design phases of production machines" accepted for publication in FME Transactions journal, vol. 49(2), page 279–290, 2021. DOI : 10.5937/fme2102279S
SJR (Q2) : 0,41, Web of science, SCOPUS, JCR FI. 0.41.

RI.9. *Sun*, X., **Houssin**, R., Renaud, J., & Gardoni, M. (2019). A review of methodologies for integrating human factors and ergonomics in engineering design. *International Journal of*

Production Research, *57*(15-16), 4961-4976. https://doi.org/10.1080/00207543.2018.1492161.
***SJR (Q1) :* 1.909, *Web of science, SCOPUS, JCR FI.* 8.568**

RI.10. Cherifi, A., M'Bassègue, P., Gardoni, M., **Houssin**, R., & Renaud, J. (2019). Eco-innovation and knowledge management: issues and organizational challenges to small and medium enterprises. *Artificial Intelligence for Engineering Design, Analysis and Manufacturing*, *33*(2), 129-137. https://doi.org/10.1017/S0890060419000064
SJR (Q2) : 0,41, Web of science, SCOPUS, JCR-FI : 0.894

RI.11. Renaud, J., **Houssin**, R., Gardoni, M., & Armaghan, N. (2019). Product manual elaboration in product design phases: Behavioral and functional analysis based on user experience. *International Journal of Industrial Ergonomics*, *71*, 75-83. https://doi.org/10.1016/j.ergon.2019.02.003
SJR (Q2) : 0,6, Web of science, SCOPUS, JCR-FI : 1.571

RI.12. *Sun*, X., **Houssin**, R., Renaud, J., & Gardoni, M. (2018). Towards a human factors and ergonomics integration framework in the early product design phase: Function-Task-Behaviour. International Journal of Production Research, 56(14), 4941-4953. https://doi.org/10.1080/00207543.2018.1437287
SJR (Q1) : 1,78, Web of science, SCOPUS, JCR-FI 3.199.

RI.13. Casner, D., **Houssin**, R., Renaud, J., & Knittel, D. (2017). An optimization-based embodiment design approach for mechatronic product development. *Open automation and control systems journal*, *9*(1). https://doi.org/10.2174/1874444301709010027
SJR (Q4) : 0.11, Open J-Gate

RI.14. *Sun*, X., **Houssin**, R., Renaud, J., & Gardoni, M. (2016). Integrating user information into design process to solve contradictions in product usage. *Procedia CIRP*, *39*,pp. 166-172. https://doi.org/10.1016/j.procir.2016.01.183
SJR : 0.73, Web of science, SCOPUS,

RI.15. **Houssin**, R., Renaud, J., Coulibaly, A., Cavallucci, D., & Rousselot, F. (2015). TRIZ theory and case based reasoning: synergies and oppositions. *International Journal on Interactive Design and Manufacturing (IJIDeM)*, *9*(3), 177-183. http://link.springer.com/article/10.1007%2Fs12008-014-0252-1
SJR (Q2) : 0.46, Web of science, SCOPUS, JCR

RI.16. *Casner*, D., **Houssin**, R., Renaud, J., & Knittel, D. (2015). Optimization as an innovative design approach to improve the performances and the functionalities of mechatronic devices. *Procedia engineering*, *131*, 941-950. https://doi.org/10.1016/j.proeng.2015.12.406
SJR : 0.32, SCOPUS, CiteScore: 1.04,

RI.17. **Houssin**, R., & Coulibaly, A. (2014). Safety-based availability assessment at design stage. *Computers & Industrial Engineering*, *70*, 107-115. https://doi.org/10.1016/j.cie.2014.01.005
SJR (Q1) : 1.47, Web of science, SCOPUS, JCR-FI : 3,518

RI.18. *Xu*, J., **Houssin**, R., Bernard, A., & Caillaud, E. (2013). Systemic modeling of knowledge for innovation in design. *CIRP journal of Manufacturing Science and technology*, *6*(1), 1-12. https://doi.org/10.1016/j.cirpj.2012.09.001
SJR (Q1) :1,19, SCOPUS, CJR-FI: 2.333

RI.19. *Sun*, H., **Houssin**, R., Gardoni, M., & de Bauvrond, F. (2013). Integration of user behaviour and product behaviour during the design phase: Software for behavioural design approach. *International Journal of Industrial Ergonomics*, *43*(1), 100-114. https://doi.org/10.1016/j.ergon.2012.11.009

SJR (Q2) : 0,6, Web of science, SCOPUS, JCR-FI : 1.571

RI.20. **Houssin**, R., & Coulibaly, A. (2011). An approach to solve contradiction problems for the safety integration in innovative design process. *Computers in industry*, *62*(4), 398-406. https://doi.org/10.1016/j.compind.2010.12.009.

SJR (Q1) : 1.01, Web of science, SCOPUS, JCR-FI : 4,769

RI.21. *Xu*, J., **Houssin**, R., Caillaud, E., & Gardoni, M. (2011). Fostering continuous innovation in design with an integrated knowledge management approach. *Computers in industry*, *62*(4), 423-436. https://doi.org/10.1016/j.compind.2010.12.005.

SJR (Q1) : 1.01, Web of science, SCOPUS, JCR-FI : 4,769

RI.22. *Xu*, J., **Houssin**, R., Caillaud, E., & Gardoni, M. (2010). Macro process of knowledge management for continuous innovation. *Journal of Knowledge Management*, *14*(4), 573-591. http://dx.doi.org/10.1108/13673271011059536

SJR (Q1) 1.84, Web of science, SCOPUS, JCR-FI : 8.182

RI.23. **Houssin**, R., & Gardoni, M. (2009). Software framework for the approach: computer aided Safety integration in design process (CASID). *Journal of Advanced Manufacturing Systems*, *8*(01), 27-45. https://doi.org/10.1142/S0219686709001638

SJR (Q2) :0.27, SCOPUS, CrossRef.

RI.24. Coulibaly, A., **Houssin**, R., & Mutel, B. (2008). Maintainability and safety indicators at design stage for mechanical products. *Computers in industry*, *59*(5), 438-449. https://doi.org/10.1016/j.compind.2007.12.006.

SJR (Q1) : 1.01, Web of science, SCOPUS, JCR-FI : 4,769

RI.25. **Houssin**, R., Bernard, A., Martin, P., Ris, G., & Cherrier, F. (2006). Information system based on a working situation model for a new design approach in concurrent engineering. Journal of Engineering Design, 17(1), 35-54. https://doi.org/10.1080/09544820500276048

***SJR (Q1) : 0,69, Web of science, SCOPUS, JCR-FI :* 2.588**

RI.26. ***Hasan***, R., Bernard, A., Ciccotelli, J., & Martin, P. (2003). Integrating safety into the design process: elements and concepts relative to the working situation. Safety science, 41(2-3), 155-179. https://doi.org/10.1016/S0925-7535(02)00002-4

SJR (Q1) : 1.18, Web of science, SCOPUS, JCR-FI : 4.877

RI.27. Bernard, A., & ***Hasan***, R. (2002). Working situation model for safety integration during design phase. *CIRP Annals*, *51*(1), 119-122. https://doi.org/10.1016/S0007-8506(07)61480-2.

***SJR (Q1) : 2.54, Web of science, SCOPUS, JCR-FI :* 3.826**

Articles dans des Revues non indexées avec Comité de Lecture (RCL):

RCL1. Renaud, J., Nour, M., **Houssin**, R., & Gardoni M., (2019), Rôle de l'aidant d'une personne atteinte de la maladie d'Alzheimer ou apparentée, à l'ère du numérique. Rev Geriatr 2019 Avril ; 44 (4), 227-240. http://www.revuedegeriatrie.fr/index.php.

RCL2. **Houssin**, R., *Sun*, H., & Gardoni, M. (2012). A behavioural design approach to improving mechanical system design with integration of use conditions. International Journal of Design and Innovation Research, 5(3), 1-24. https://univoak.eu/islandora/object/islandora:36275.

Articles dans des revues Sans Comité de Lecture (ASCL)°:

ASCL.1. **Hasan**, R., Martin, P., & Bernard, A. (2004). Solving contradictions problems related to safety integration in design process.

https://triz-journal.com/solving-contradictions-problems-related-safety-integration-design-process/

Chapitre d'Ouvrage (Ch0)

ChO1. Amir Keskes

ChO2. Livotov, P., Casner, D., **Houssin,** R., & Renaud J., (2018), Problem Definition and Identification of Contradictions in the Interdisciplinary Areas of Mechatronic Engineering. In the Book: Advances and Impacts of the Theory of Inventive Problem Solving, pp 231-242. https://doi.org/10.1007/978-3-319-96532-1_21. Ce chapitre est un élargissement d'une communication en TFC2016.

ChO3. Rousselot, F., Renaud, J., **Houssin, R.**, Coulibay, A., & Hachelhi, H. (2017), Méthode TRIZ et Raisonnement à Partir de Cas : synergies ou oppositions, Sophie A. de Beaune, Liliane Hilaire-Pérez et Koen Vermeir (dir.). L'analogie dans les techniques, Paris, CNRS Éditions, coll. Alpha, 99-118, ISBN 978-2-271-1. https://fr.calameo.com/read/004782023902753e4516c.

ChO4. Hasan R., A. Bernard, J. Ciccotelli, (2003), Proposal of a new design approach integrating the concept of the working situation, G. Gogu, D. Coutellier, P. Chedmail and P. Ray (Editors), "Recent Advances in Integrated Design and Manufacturing in Mechanical Engineering", Ed. KLUWER Academic Publishers. ISBN 1-4020-1163-6, p. 379-390. DOI : 10.1007/978-94-017-0161-7

Web of science

Communications dans des congrès internationaux ou nationaux.

Communications dans des Congrès Internationaux Indexées (CII)

CII.1. M.A. Keskes, A. Zouari, **R. Houssin**, D. Dhouib, J. Renaud (2022). An overview on olive oil waste valorization scenarios: Life CycleApproach. 10th IFAC Conference on Manufacturing Modelling, Management and Control, June 22-24, 2022. Nantes, France.

SCOPUS, Web of Science

CII.2. *Hanifi, M.*, Chibane, H, **Houssin, R.,** and Cavallucci, D. (2021 october). "Application of an FMEA based method to prioritize the initial problem choices in Inventive Design" In *TRIZ Future Conference 2021 :* Creative Solutions for a Sustainable Development pp 233-244, https://doi.org/10.1007/978-3-030-86614-3_19

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CII.3. Yehya, M. I., **Houssin**, R., Coulibaly, A., & Chibane, H., (2020, juin). State of the art for Evaluation of Inventive Design Solution Concepts. JCM 2020 Aix-en Provence, France. JCM 2020: Advances on Mechanics, Design Engineering and Manufacturing III pp 135-142,

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CII.4. *Hanifi*, M., Chibane, H., **Houssin**, R., & Cavallucci, D. (2020, October). Contribution to TRIZ in Combining Lean and Inventive Design Method. In *International TRIZ Future Conference* (pp. 280-291). Springer, Cham. https://doi.org/10.1007/978-3-030-61295-5_23

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CII.5. *Yehya*, M. I., **Houssin**, R., Coulibaly, A., & Chibane, H., (2020, October). Towards Evaluation of Solution Concepts in Inventive Design. ACTA TECHNICA NAPOCENSIS, 63, 85–92. https://atna-mam.utcluj.ro/index.php/Acta/article/view/1393. ETRIA TFC2020 Cluj-Napoca, Romania.

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CII.6. *Hanifi*, M., Chibane, H., **Houssin**, R., & Cavallucci, D. (2019, October). Improving Inventive Design Methodology's Agility. In *International TRIZ Future Conference* (pp. 216-227). Springer, Cham. *1* https://doi.org/10.1007/978-3-030-32497-1_18,

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CII.7. Renaud, J., **Houssin**, R., Armaghan, N., & Gardoni, M. (2019, October). Future home 4.0 for people with major neurodegenerative disorders, finding the contradictions. In *International TRIZ Future Conference* (pp. 417-426). Springer, Cham. , https://doi.org/10.1007/978-3-030-32497-1

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CII.8. *Slim*, R., **Houssin**, R., & Coulibaly, A., (2018, October). Convergence and contradiction between lean and Industry 4.0 for inventive design of smart production systems. In *International TRIZ Future Conference* (pp. 141-153). Springer, Cham. https://doi.org/10.1007/978-3-030-02456-7_12.

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CII.9. Renaud, J., **Houssin**, R., Gardoni, M., & Nour, M. (2018, October). Multi-users of a Product: Emergence of Contradictions. In International TRIZ Future Conference IFIP Advances in Information and Communication Technology. .2018. 541, pp. 154-164, (pp. 154-164). Springer, Cham. https://doi.org/10.1007/978-3-030-02456-7_13

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CII.10. Casner, D., Souili, A., **Houssin**, R., & Renaud, J. (2018, October). Agile'TRIZ framework: towards the integration of TRIZ within the agile innovation methodology. In International TRIZ Future Conference (pp. 84-93). Springer, Cham. https://doi.org/10.1007/978-3-030-02456-7_8

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CII.11. *Dkhil*, A., Gardoni, M., Belgacem, L., & **Houssin**, R. (2018, July). Linkographic analysis of design ideation session: Idea graph representation and additional tools for analysis. In *IFIP International Conference on Product Lifecycle Management* (pp. 715-725). Springer, Cham. https://doi.org/10.1007/978-3-030-01614-2_65

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CII.12. *Sun* X., **Houssin**, R., Renaud, J., & Gardoni, M. (2017). Generating a user manual in the early design phase to guide the design activities. In *Advances on Mechanics, Design Engineering and Manufacturing* (pp. 1167-1176). Springer, Cham. https://doi.org/10.1007/978-3-319-45781-9_117

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CII.13. *Cherifi*, A., Gardoni, M., M'Bassègue, P., Renaud, J., & **Houssin**, R. (2017). Knowledge management and eco-innovation: Issues and organizational challenges to small and medium enterprises. In *DS 87-4 Proceedings of the 21st International Conference on Engineering Design (ICED 17) Vol 4: Design Methods and Tools, Vancouver, Canada, 21-25.08. 2017* (pp. 119-128).
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CII.14. *Sun* X., **Houssin** R., Renaud J., & Gardoni M. (2016) Product Usage in Engineering Design. In: Bouras A., Eynard B., Foufou S., Thoben KD. (eds) Product Lifecycle Management in the Era of Internet of Things. PLM 2015. IFIP Advances in Information and Communication Technology, vol 467. (pp 790-799) Springer, Cham. https://doi.org/10.1007/978-3-319-33111-9_72

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CII.15. *Casner* D., **Houssin** R., Renaud J., & Knittel D. (2016) A Multiobjective Optimization Framework for the Embodiment Design of Mechatronic Products Based on Morphological and Design Structure Matrices. In: Bouras A., Eynard B., Foufou S., Thoben KD. (eds) Product Lifecycle Management in the Era of Internet of Things. PLM 2015. IFIP Advances in Information and Communication Technology, vol 467. (pp. 813-825). Springer, Cham. https://doi.org/10.1007/978-3-319-33111-9_74

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CII.16. Renaud, J., **Houssin**, R., Coulibaly, A., Cavallucci., D., & Rousselot, R. (2014, August). TRIZ theory and case based reasoning: Synergies and oppositions. In Proceedings of the 2014 International Conference on Innovative Design and Manufacturing (ICIDM) (pp. 187-192). IEEE. https://ieeexplore.ieee.org/document/6912692

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CII.17. *Casner*, D., **Houssin**, R., Knittel, D., & Renaud, J. (2013, August). Proposal for a design approach for mechatronic systems based on optimization design and case-based reasoning. *Proceeding d'ASME 2013 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 2013), Portland, OR.* American Society of Mechanical Engineers. https://doi.org/10.1115/DETC2013-13052

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CII.19. *Xu*, J., **Houssin**, R., Caillaud, E., & Gardoni, M. (2011). Knowledge Management for Innovative Design. In Global Product Development (pp. 445-455). Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-15973-2_45

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CII.24. Coulibaly, A., **Houssin**, R., & Mutel, B. (2006). Contribution to maintainability and safety assessment in the mechanical product design. In DS 36: Proceedings DESIGN 2006, the 9th International Design Conference, Dubrovnik, Croatia (pp. 207-214). https://www.semanticscholar.org/paper/CONTRIBUTION-TO-MAINTAINABILITY-AND-SAFETY-IN-THE-Coulibaly-Houssin/e01fadb4d0e6dda4d173083273cc325cef371277
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CII.25. ***Hasan***, R., Bernard, A., & Ciccotelli, J. (2003). Proposal of a new design approach integrating the concept of the working situation. In *Recent Advances in Integrated Design and Manufacturing in Mechanical Engineering* (pp. 379-390). Springer, Dordrecht. https://doi.org/10.1007/978-94-017-0161-7_37
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CII.26. ***Hasan***, R., Ciccotelli, J., Bernard, A., & Martin, P. (2000). Representation and evaluation of risks during the design phase of a complex system. In *Proc. of ESREL* (pp. 141-147). http://www.gbv.de/dms/tib-ub-hannover/323452094.pdf
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Communications dans des congrès internationaux avec Comité de Lecture (CCL)

CCL1. Yehya, M.I., **Houssin, R.,** Coulibaly, A., Chibane, H., (2021 octobre) "Solution Concept Modeling and Evaluation Based on Function-Structure and Behavior Approach in the Context of Inventive Design," in *International TRIZ Future Conference*, 2021, pp. 456–464.

CCL2. **Houssin**, R., *Yehya*, M. I., Coulibaly, A., User Safety Performance Evaluation from Complex Systems Design Phases: Application on Job Penibility, accepted in PESARO 2021, April 22, 2021 - Porto, Portugal.

CCL3. **Houssin**, R., Lemouchi, O., (2020, novemebre) L'intégration des facteurs humains dès la première phase de conception : application sur la pénibilite, 13ème Conférence Francophone de Modélisation, Optimisation et Simulation- MOSIM'20, Nov 2020, Agadir, Maroc

CCL4. *Hanifi*, M., Chibane, H., **Houssin**, R., & Cavallucci, D. (2020, July). A Method to Formulate Problem in Initial Analysis of Inventive Design. In *IFIP International Conference on Product Lifecycle Management* (pp. 311-323). Springer, Cham. https://doi.org/10.1007/978-3-030-62807-9_25.

CCL5. *Slim*, R., **Houssin**, R., Coulibaly, A., Gardoni, M. (2019), Towards resolving Lean integration problems at early de-sign stage of production systems. 19th International TRIZ Future Conference, TFC 2019, October 9–11, 2019, Proceedings, Rachid Benmoussa (Eds.). Cette article n'a pas apparu dans le livre parce que le contenu fait partie d'un article soumit à un journal. https://icube-publis.unistra.fr/4-SHC19.

CCL6. *Sun*, X., **Houssin**, R., Renaud, J. Gardoni, M., (2017), Innovative interaction design approach based on TRIZ separation principles and inventive principles. The 17th International TRIZ Future Conference. Lappeenranta, Finland. 2017. https://www.lut.fi/documents/27578/452786/BOOKofABSTRACTS_final.pdf

CCL7. **Houssin** R., A., Coulibaly, D. Cavallucci, J. Renaud, (2017), TRIZ to resolve socio-technical contradictions within the product usage integration in design, The 17th International TRIZ Future Conference. Lappeenranta, Finland. 2017. https://www.lut.fi/documents/27578/452786/BOOKofABSTRACTS_final.pdf

CCL8. *Hanifi*, M., **Houssin**, R., Cavallucci, D., & Fuhlhaber, S. (*2016, October).* Combining TRIZ and open innovation, a new promising perspective for enhancing corporate innovation processes. *TRIZ Future Conference 2016, Wroclaw, Poland*. https://www.aitriz.org/community-news/triz-news/741-japan-2017-6-5.

CCL9. Casner D., **Houssin** R., Livotov P., Renaud J., (2016, October) Problem definition and identification of contradictions in the interdisciplinary areas of mechatronic engineering, in TRIZ Future Conference 2016, Wroclaw, Poland. https://www.osaka-gu.ac.jp/php/nakagawa/TRIZ/eTRIZ/eforum/e2017Forum/eNaka-TFC2016-PersonalRep/eNaka-TFC2016-Report-A-Methods-170323.html

CCL10. *Cherifi*, A., Dubois, M., Gardoni, M., Renaud J., & **Houssin, R**. (2016 August). L'innovation en écoconception par utilisation de la méthode Eca Triz. 11th International Conference on Modeling, Optimization and Simulation : "Innovation in Technology for performant Systems" (Montreal, QC, Canada) 10 p. https://www.semanticscholar.org/paper/L%E2%80%99innovation-en-%C3%A9coconception-par-utilisation-de-la-Cherifi-Dubois/15d7f0408cc97bb3f18ea48f4985007c0cbcb4f0

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Communications dans des Congrès et des journées Nationaux

a. Avec Comité de Lecture (CNCL)

CNCL1. Masih Hanifi, Hicham Chibane, **Remy Houssin**, Denis Cavallucci, Une nouvelle méthode pour formuler un problème dans la phase d'analyse initiale de la conception inventive. 17ème colloque national S.mart mars 2021,

CNCL2. *Slim* R., **Houssin** R., & Coulibaly A., (2019, Mars), Une approche d'intégration de la méthode SMED dans la conception des systèmes de production, 17ème Colloque National AIP-Primeca (S.MART). Les Karellis-Vallée de la Maurienne, France.

CNCL3. *Slim* R., **Houssin** R., Coulibaly A., & Sun X., (2018, Octobre). Evaluation des attentes des industriels pour l'intégration des facteurs humains dès la première phase de conception. Congrès Lambda Mu21 " Maîtrise des risques et transformation numérique: opportunités et menaces ", Reims, France. hal-02074084.

CNCL4. *Sun*, X., **Houssin, R.,** Renaud, J., & Gardoni, M. (2017, avril). Une méthodologie pour intégrer les informations d'utilisation dès la première phase de conception. 15ème Colloque National AIP-Primeca. La Plagne, France.

CNCL5. *Casner*, D., **Houssin**, R., Knittel, D., & Renaud, J. (2013, December). Une démarche de conception et d'optimisation de systèmes mécatroniques à partir de l'optimisation multidisciplinaire et basée sur le retour d'expériences. In *Congrès français de mécanique*. AFM, Maison de la Mécanique, 39/41 rue Louis Blanc, France.

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CNCL8. ***Hasan R.,*** A. Bernard, J. Ciccotelli, P. Martin, Proposition d'une démarche de conception basée sur un modèle générique de situation de travail, 7ème Colloque national sur la conception mécanique intégrée PRIMECA'01, La plagne, France 2 avril, 2001.

b. Sans comité de lecture (CN)

CN.1. *Yehya*, I., **Houssin**, R., Coulibaly, A., Chibane, H., (2020 février) Evaluation method for solution concept in design method. GDR MACS Nantes, France.

CN.2. *Hanifi*, M., **Houssin**, R., Cavallucci, D., Chibane, H., (2020 février). Improving the agility of inventive design Methodology. GDR MACS Nantes, France.

CN.3. *Sun*, X., **Houssin, R.,** Renaud, J., & Gardoni, M. (2015). Human factors and ergonomics in Man-Machine systems. 21e journées STP du GDR MACS. Nantes, France.

CN.4. *Sun H.,* **R. Houssin**, M. Gardoni, L'amélioration de la performance du produit par l'intégration des tâches d'utilisation dès la phase de conception: une approche de conception comportementale, Journée GDR MACS, France, Tarbes, mars, 2012.

CN.5. *Sun H.,* **R. Houssin**, M. Gardoni, La conception comportementale : une nouvelle approche de conception. Journée GDR MACS, Strasbourg, France, 2010.

CN.6. *Xu J.,* **R. Houssin**, E. Caillaud, Macro processus de la gestion des connaissances pour l'innovation, Journée GDR MACS, Metz, Frane, novembre, 2008.

4.1. Polycopies des cours

Polycopies pour les cours que j'ai créés depuis 2004 ses polycopies sont à disposition des étudiants sur Moodle :

N°	Cours créés	Date/type	Formation
1	**Titre :** Logistique et Gestion de production **Support :** Polycopie + exercices	2019/15 CM+15TD	M2 Ingénierie Pharmaceutique Fac. de Pharmacie.
2	**Titre :** introduction au génie industrielle **Support :** Polycopie	2019/ 30hCM	L2 Métiers du Médicament Fac. Sciences de la vie
3	**Titre :** industrialisation des produits **Support :** Polycopie+ exercices	2017/ 14hCM+14TD	L2 Métiers du Médicament Fac. Sciences de la vie
4	**Titre :** Gestion de la qualité et de la quantité **Support :** Polycopie + exercices	2015 / 24h CI	M2 achats à la Faculté de Droit et de gestion
5	**Titre :** Maîtrise Statistique de Procédures (MSP) **Support :** Polycopie + exercices	2011 8h CM, 8h TD	1ère année de l'ECAM de Strasbourg
6	**Titre :** Plan d'expériences **Support :** Polycopie + exercices	2010 12h CM, 10h TD	Master 2 Matériaux - Ingénierie des surfaces.
7	**Titre :** Maintenance et Maintenabilité **Support :** Polycopie + exercices	2010 6h CM, 8h TD	Licence 3 Sciences pour l'Ingénieur
8	**Titre :** Organisation et gestion de production **Support :** Polycopie + exercices	2009 22h CI	Licence Pro. QSAPBS à l'IUT Louis Pasteur
9	**Titre :** Innovation et	2008	Master 2 RICI à L'ENSGSI à

	connaissances **Support :** Polycopie	8h CM	l'INPL.
10	**Titre :** Technologie de groupe et Pré-indus. **Support :** Polycopie + exercices	2007 16h CM, 14h TD	Licence Pro Prototypage et Pré-Industrialisation (PIP).
11	**Titre :** Ergonomie et sécurité en conception **Support :** Polycopie + exercices	2004 16h CM	L 3, Physique et Sciences pour l'Ingénieur
12	**Titre :** Développement de produits et de procédés **Support :** Polycopie et 5 projets de TP	2004 14hCM, 20h TP	M 2 Génie Mécanique et Industriel