

## Ivan Juan Carlos Perez Olguin

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**From:** EAI Publishing <no-reply@eai.eu>  
**Sent:** Wednesday, September 28, 2022 12:52 PM  
**To:** Florencio Abraham Roldan Castellanos  
**Cc:** Luis Ricardo Vidal Portilla  
**Subject:** eScripts: Decision on your submission "Emotional diagnosis for employees within the framework of Industry 4.0: a case study in Ciudad Juarez." (ID: 7317) in Innovation and Competitiveness in Industry 4.0 Based on Intelligent Systems



eScripts

Dear Luis Ricardo Vidal Portilla,

We are pleased to inform you that your manuscript,

Paper ID: 7317

Title: Emotional diagnosis for employees within the framework of Industry 4.0: a case study in Ciudad Juarez.

Authors: \*Florencio Abraham Roldan-Castellanos, IVÁN JUAN CARLOS OLGUÍN, Luis Carlos Méndez-González, Luis Ricardo Vidal Portilla.

has been accepted for publication in Innovation and Competitiveness in Industry 4.0 Based on Intelligent Systems. The reviewers' reports have been attached at the bottom of this email.

Please upload a final, camera-ready version as approved by Editor:

<https://escripts.eai.eu/paper/lists?accepted>

Please make sure that your paper follows the [instructions](#) and is in the correct [EAI Endorsed Transactions template](#). A manuscript in a different template will be sent back for correction.

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Reviewers comments:

\*\*\* REFEREE 1 REPORT \*\*\*

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\*\* Below you can find comments on each criterions \*\*

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1 . Novelty of the contribution  
plagiarism

2 . Innovation impact of the proposed concept  
plagiarism

3 . Technical content and correctness of the contribution  
plagiarism

4 . Importance of the manuscript for the thematic area  
plagiarism

5 . Implementation potential of the proposed concept  
plagiarism

6 . Completeness of the references  
plagiarism

7 . Quality of the writing  
plagiarism

\*\* General comments by referee 1 to Author\*\*

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plagiarism

\*\*\* REFEREE 1 REPORT \*\*\*

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\*\* Below you can find comments on each criterions \*\*

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1 . Novelty of the contribution

The industrial 4.0 revolution has promoted a considerable variety of changes in labor management at all levels, from the technical parameters of the industry to drastic modifications in the work environment. However, the human aspect has received little benefit compared with its technical counterpart, especially in the area of healthcare. Understanding and treating the clinical states of employees in telemetric or technological manner has enhanced a real possibility, the increase of the welfare of the working personnel. But the disciplined of biometrical emotional data analytics it's increasable disperse because of its significant difficulty in the interpretation of intense amounts of data and segregation between emotions within a standard emotional range.

The following chapter presents a study case of an emotional detection implementation in an operational environment too as a theoretical background for such executions, there-fore, aiming to show an approach toward the general trends and tools for biological diagnostics in industrial settings and capacities, as well as to emphasize the capabilities and reliability states of smart diagnostics.

## 2 . Innovation impact of the proposed concept

The industrial 4.0 revolution has promoted a considerable variety of changes in labor management at all levels, from the technical parameters of the industry to drastic modifications in the work environment. However, the human aspect has received little benefit compared with its technical counterpart, especially in the area of healthcare. Understanding and treating the clinical states of employees in telemetric or technological manner has enhanced a real possibility, the increase of the welfare of the working personnel. But the disciplined of biometrical emotional data analytics it's increasable disperse because of its significant difficulty in the interpretation of intense amounts of data and segregation between emotions within a standard emotional range.

The following chapter presents a study case of an emotional detection implementation in an operational environment too as a theoretical background for such executions, there-fore, aiming to show an approach toward the general trends and tools for biological diagnostics in industrial settings and capacities, as well as to emphasize the capabilities and reliability states of smart diagnostics.

## 3 . Technical content and correctness of the contribution

approach toward the general trends and tools for biological diagnostics in industrial settings and capacities, as well as to

emphasize the capabilities and reliability states of smart diagnostics. This implementation was performed by comparing and analyzing AI methods for classification to obtain the most proper possible emotional diagnosis, providing a future framework for further development and research of the similar phenomenon and its bifurcations.

4 . Importance of the manuscript for the thematic area  
yes

5 . Implementation potential of the proposed concept  
ndustry 4.0, Biometrics, HealthCare, Deep Neural Networks, Artificial Intelligence, Machine Learning.

6 . Completeness of the references  
Reference writing is still incomplete, please complete

7 . Quality of the writing  
below standard

**\*\* General comments by referee 1 to Author\*\***

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Notes for writing this paper, please be more concise, not like this. Please make improvements to the grammar because I see a lot of mistakes. and sorry, please correct the writing format according to <https://eai.eu/> thank you

**\*\*\* REFEREE 2 REPORT \*\*\***

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**\*\* Below you can find comments on each criterions \*\***

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1 . Novelty of the contribution

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2 . Innovation impact of the proposed concept

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3 . Technical content and correctness of the contribution

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4 . Importance of the manuscript for the thematic area

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5 . Implementation potential of the proposed concept

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6 . Completeness of the references

...

7 . Quality of the writing

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**\*\* General comments by referee 2 to Author\*\***

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Complete

**\*\*\* REFEREE 3 REPORT \*\*\***

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**\*\* Below you can find comments on each criterions \*\***

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1 . Novelty of the contribution

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2 . Innovation impact of the proposed concept

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3 . Technical content and correctness of the contribution

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4 . Importance of the manuscript for the thematic area

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5 . Implementation potential of the proposed concept

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6 . Completeness of the references

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7 . Quality of the writing

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**\*\* General comments by referee 3 to Author\*\***

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The document includes the corrections, indicated in a satisfactory manner

**\*\*\* REFEREE 2 REPORT \*\*\***

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**\*\* Below you can find comments on each criterions \*\***

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1 . Novelty of the contribution

Ok

2 . Innovation impact of the proposed concept

Perfect

3 . Technical content and correctness of the contribution

Good

4 . Importance of the manuscript for the thematic area

Good

5 . Implementation potential of the proposed concept

...

6 . Completeness of the references

Completed

7 . Quality of the writing

Good

**\*\* General comments by referee 2 to Author\*\***

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Completed

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