

## Artificial Intelligence and its Applications Multi-Day Scientific Event, May 28-29, 2022.

| Saturday, May 28 <sup>th</sup> . |   |   |
|----------------------------------|---|---|
| 8.00 - 10.00                     | PhD Thesis Defense  | <i>Visual Object Classification using Computer Vision Techniques. Hamrouni Lamis</i>  |
| 10.05 - 10.25 Coffee Break       |   |   |
| 10.30 - 12.30                    | <b>Roundtable discussion on AI and its applications</b><br><b>Moderator:</b><br><b>Dr. Aiadi O.</b> | <b>Invitees:</b> <ul style="list-style-type: none"> <li>• Prof. Challal Yacine (ESI),</li> <li>• Prof. Ferrag Mohamed Amine (Guelma University),</li> <li>• Prof. Guessoum Ahmed (USTHB),</li> <li>• Prof. Kherfi Mohamed Lamine (MESRS),</li> <li>• Prof. Moussaoui Abdelouahab (Setif University).</li> </ul>   |
| 12.30 - 14.00 Lunch              |   |   |
| 14.00 - 16.00                    | PhD Thesis Defense  | <i>Arabic Calligraphy Style Identification. Kaoudja Zineb.</i>  |
| Sunday, May 29 <sup>th</sup> .   |   |   |
| 8.00 - 9.25                      | <b>Oral presentations</b><br><b>Session chair:</b><br><b>Dr. Khaldi B.</b>                          | <ul style="list-style-type: none"> <li>• 8.00 - 8.15: <i>Embedding Techniques and their applications in Computer vision.</i><br/><u>Allaoui M.</u>, Kherfi M.L, Cheriet A. (UKMO).</li> <li>• 8.30 - 8.45: <i>Random Neural Networks for Time Series Data.</i><br/><u>Khennour M.E.M.</u>, Kherfi M.L. (UKMO).</li> <li>• 9.00 - 9.15: <i>Clustering using Autoencoders.</i><br/><u>Derouiche C.</u>, Kherfi M.L, Bouanane K. (UKMO).</li> </ul>  |
| 9.30 - 10.10                     | <b>Poster presentations</b>   | <ul style="list-style-type: none"> <li>• <i>Machine Learning for Mixed Integer Linear Programming.</i><br/><u>Ayachi Omar C.</u>, Bouanane K., Aiadi O. (UKMO).</li> <li>• <i>Active learning in conjunction with deep learning under weak supervision.</i><br/><u>Bourenane M.A.</u>, Kherfi M.L., Korichi M., Bouchachia H. (UKMO).</li> <li>• <i>Particle Image Velocimetry using Artificial Neural Networks in Cardiovascular medicine.</i><br/><u>Kriker O.</u>, Benabdallah A., Kherfi M.L. (Monastir University, Tunisia).</li> <li>• <i>Performance Prediction for New Higher Education Students using Deep Learning.</i><br/><u>Aouadi S.</u>, Marir T., Kherfi M.L. (Oum el Bouaghi University).</li> </ul> |
| 10.10 - 10.30 Coffee Break       |   |   |