



8th AI4KM 2020/21



International Joint Conference
on Artificial Intelligence - Pacific
Rim International Conference
on Artificial Intelligence.
January 7-15, 2021.
Yokohama, Japan.

AI for Sustainable Future Program

January 7 & 8, 2021

Access the virtual venue:

<https://www.virtualchair.net/events/ijcai-pricai-2020>

January 7, 2021	
09:00-9:10 (5pm JST)	Conference opening and welcome <i>Prof. Eunika Mercier-Laurent, University Reims Champagne Ardennes, France</i>
09:10-10:00	Invited talk Ethics & Regulation of Artificial Intelligence <i>Anthony Wong, AGW Lawyers & Consultants, Australian Computer Society</i>
10:00-14:00 (6-10 pm JST)	Session 1 AI for Society and Education Session Chair Prof. Gülgün Kayakutlu, ITU The Ontologies cooperation for modeling the needs of impairment persons <i>Guilaine Talens and Caroline Wintergerst, University of Lyon 3</i> Conceptual Framework of Intelligent Management Control System for Higher Education <i>Helena Dudycz, Marcin Hernes, Zdzislaw Kes, Eunika Mercier-Laurent, Bartlomiej Nita, Krzysztof Nowosielski, Piotr Oleksyk, Mieczyslaw Owoc, Rafal Palak, Maciej Pondel and Krystian Wojtkiewicz, University of Economics, Wroclaw</i> Curriculum Vitae Evaluation Using Machine Learning Approach <i>Rabih Haddad, Epita</i> Artificial Intelligence and Knowledge Management in Students' Thesis – Initial Survey in Poland <i>Mieczyslaw Owoc and Pawel Weichbroth</i>

	<p>Session 2 AI for Business and Sustainable City Session Chair Prof Mieczyslaw Owoc, UEW</p> <p>Customer Churn Prediction in FMCG sector Using Machine Learning Techniques <i>Nihan Yildirim and Gülgün Kayakutlu</i></p> <p>Crowdsourcing as a tool supporting intra-city communication, <i>Łukasz Przysucha</i></p> <p>The Importance of Internet of Things for Smart Cities, <i>Anna Reklewska</i></p> <p>Developing a Knowledge Base on Climate Change for Metropolitan Cities <i>Eric Thivant, Eunika Mercier-Laurent and Guilaine Talens, University Lyon 3</i></p>
	<p>January 8, 2021</p>
<p>9:00-10:00</p>	<p>Invited talk : AI for Sustainability Decisions in Energy Management <i>Prof. Gülgün Kayakutlu, Istanbul Technical University</i></p>
<p>10:00-14:00 (6-10 pm JST)</p>	<p>Session 3 AI for Industry and Sustainability Session Chair: Prof Mieczyslaw Owoc</p> <p>Can Artificial Intelligence Efficiently Support Sustainable Development? <i>Eunika Mercier-Laurent, University of Reims/IFIP</i></p> <p>Holistic Approach to Smart Factory <i>Cristina Monsone, Szecheny Istvan University, Győr</i></p> <p>Advanced data analysis as a key tool in Supply Chain Management in a multi-site industrial enterprise - case studies, <i>Paweł Pyda, Bartosz Jachnik, Helena Dudycz and Paweł Stefaniak</i></p> <p>Session 4 AI for Industry and Sustainability Session Chair: Prof. Eunika Mercier-Laurent</p> <p>Stacking regressor analysis of the natural gas prices in the light of possible hub <i>Gizem Kaya, M.Ozgür Kayalica and Gülgün Kayakutlu</i></p> <p>Power deviation predictions with LSTM based on Grid Based Regressors Selected using Genetic Algorithms <i>Avni Ozözen, Gülgün Kayakutlu and M.Ozgür Kayalica</i></p> <p>Short-term Power Load Forecasting using Wavelet and Deep Learning <i>Seyed Davoud, Seyed Garmroodi and Gülgün Kayakutlu</i></p> <p>Classification algorithms in the inclinometers readings interpretation problem on an example of Zelazny Most tailing dam</p>

Wioletta Koperska, Bartosz Jachnik, Paweł Stefaniak and Bartosz Burs

Discussion & Final Remarks

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