

**FUZZ-IEEE 2021**  
**LUXEMBOURG**  
 HANDLING UNCERTAINTY IN INTERPRETABLE AI

JULY 11-  
 JULY 14  
 2021



# High School Engagement

@ **FUZZ-IEEE 2021**

*Section I:*  
*Luxembourg Time: 9:00-10:40*  
*(Taiwan Time: 15:00-16:40)*  
*Section II:*  
*Luxembourg Time: 17:00-18:40*

*Date: July 11, 2021*  
*Place: Luxembourg*

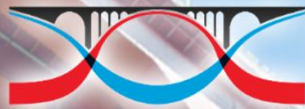


Date: July 11, 2021 Session Name: Sun-HS-A Session Room: Stream 2 Time Zone: GMT+2

Time	Activity	
	<b>High School Engagement (I)</b> Session Chairs: Chang-Shing Lee and Giovanni Acampora Each speaker has 30 mins, including 25-min presentation and 5-min Q&A	
9:00   10:40	9:00-9:10	Opening and Introduction to CI Pau-Choo (Julia) Chung, Taiwan IEEE CIS VP for Education
	9:10-9:40	Fuzzy Logic (I): Keeley Crockett, UK
	9:40-10:10	Evolutionary Computation (I): Giovanni Acampora, Italy
	10:10-10:40	CI for Real World Application (I): Chang-Shing Lee, Taiwan Leo Guo (NUWA Robotics) and Shen-Chien Chen (Zsystem Tech.), Taiwan

Date: July 11, 2021 Session Name: Sun-HS-D Session Room: Stream 4 Time Zone: GMT+2

Time	Activity	
	<b>High School Engagement (II)</b> Session Chairs: Marek Reformat, Amir Pourabdollah, and Chang-Shing Lee Each speaker has 25 mins, including 20-min presentation and 5-min Q&A	
17:00   18:40	17:00-17:25	Evolutionary Computation (II): Yusuke Nojima, Japan
	17:25-17:50	Neural Network (I): Amir Pourabdollah, UK
	17:50-18:15	Fuzzy Logic (II): Jose Manuel Soto Hidalgo/José María Alonso Moral, Spain
	18:15-18:40	CI for Real World Application (II): Marek Reformat, Canada



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2021



*Luxembourg Time: 12:00-13:30*  
*Taiwan Time: 18:00-19:30*  
*Date: July 11, 2021*  
*Place: Luxembourg*



# FML-based Machine Learning Competition for Human and Smart Machine Co-Learning on Real-World Applications @ FUZZ-IEEE 2021



## Hosts



## Co-organizers



## Technically Co-sponsors





# FML-based Machine Learning Competition @ Luxembourg

for Human and Smart Machine Co-Learning on Real World Applications @ FUZZ-IEEE 2021

<https://attend.ieee.org/fuzzieee-2021/> & <http://oase.nutn.edu.tw/fuzz2021-fmlcompetition/>

Chang-Shing Lee, Taiwan / Giovanni Acampora, Italy / Marek Reformat, Canada / Yusuke Nojima, Japan  
Naoyuki Kubota, Japan / Ryosuke Saga, Japan / I-Chen Wu, Taiwan / Jose Manuel Soto Hidalgo, Spain

Date: July 11, 2021		Session Name: Sun-C-B4		Session Room: Stream 4		Time Zone: GMT+2	
Time	Activity						
12:00   12:10	<b>Opening and Introduction</b> Session Chairs: Chang-Shing Lee, Mei-Hui Wang, and Hung-Duen Yang						
<b>Session 1: University Group</b> Categories B/C: Yusuke Nojima / Amir Pourabdollah (Total: 6 Teams, First Run: 5 Teams, Final: 3 Teams)							
12:10   12:45	FUZZ-C1-U2	Team: OASE-BCI Team Members: Wen-Kai Kuan, Sheng-Hui Huang, Yi-Lin Tsai, Rinpin Chang, Mei-Hui Wang					
	FUZZ-C1-U4	Team: OASE-KWS-NUTN1 Team Members: Hsiao-Chi Liu, Szu-Chi Chiu, Hong-Yi Huang, Bao-Zheng Chen					
	NUWA Robotics	IEEE 1855 for Industrial Applications @ NUWA Robotics & National University of Tainan, Taiwan					
	FUZZ-C1-U3	Team: OASE-ISE Team Members: Zong-Han Ciou, Chun-Hao Tsai, Rinpin Chang, Mei-Hui Wang					
	Zsystem Technology	IEEE 1855 for Industrial Applications @ Zsystem Technology & National University of Tainan, Taiwan					
	Q&A						
<b>Session 2: Elementary/High School Group @ Tainan City, Taiwan</b> Categories B/C: Jose M. Soto Hidalgo / Marie-Jeanne Lesot (Total: 8 Teams, First Run: 4 Teams, Final: 3 Teams)							
12:45   13:10	FUZZ-C1-E1	Team: Rende King of Gods Team Members: Chun-Kai Chuang, Neiri Seyama, Yen-Yung Tsai, Hong-Yi Su Team Leaders: Hsiao-Chi Liu, Chiu-Yu Chen, Yu-Chen Huang, and Pei-Yu Lee					
	FUZZ-C1-E3	Team: Rende We Are Great Team Members: Hung-I Mei, Jin-Yuan Lee, Ting-Kai Chen, Chin-Ho Chen, Rui-Lin Li Team Leaders: Pin-Zhen Su, Yu-Lin Dai, Yu-Chen Huang, and Pei-Yu Lee					
	Mediawave Intelligent Communication	IEEE 1855 for Industrial Applications @ Mediawave Intelligent Communication & National University of Tainan, Taiwan					
	FUZZ-C1-E9	BCI Music Listening AIoT Demonstration Team Members: Chun-Kai Chuang, Zhen-Hui Wu, Hung-I Mei, and Hong-Yi Su					
Q&A							
<b>Session 3: Elementary/High School Group @ Kaohsiung City, Taiwan</b> Categories A/B: Marek Reformat / Giovanni Acampora (Total: 9 Teams, First Run: 5 Teams, Final: 3 Teams)							
13:10   13:35	FUZZ-C1-E4	Team: Team DGPS BCIMusic Team Members: Yi-Ciao Wang and Tzu-Chieh Huang Team Leader: Wei-Chih Chen					
	FUZZ-C1-E5	Team: Team DGPS SolarEnergy Team Members: Chia-Chen Hsu, Tzu-Chieh Tsai, Ying-Shen Chen Team Leader: Wei-Chih Chen					
	CIRCUS Pi	IEEE 1855 for Industrial Applications @ CIRCUS Pi & National University of Tainan, Taiwan					
	FUZZ-C1-E6	Team: Team DGPS GoGame Team Members: Sheng-Cheng Huang, Kuei-Hung Cheng, Yung-Hsuan Chen Team Leader: Wei-Chih Chen					
	Webduino	IEEE 1855 for Industrial Applications @ Webduino & National University of Tainan, Taiwan					
Q&A							
13:35   13:50	<b>Session 4: Conclusion &amp; Discussion</b> Session Chairs: Hung-Duen Yang, Amir Pourabdollah, Yusuke Nojima, Po-Hsun Cheng, and Chang-Shing Lee Referee Comments, Conclusions, and Discussions Speakers: Hung-Duen Yang, Marek Reformat, Giovanni Acampora, Jose M. Alonso, Jose M. Soto Hidalgo Amir Pourabdollah, Yusuke Nojima, Ryosuke Saga, Naoyuki Kubota, Marie-Jeanne Lesot and I-Chen Wu Topic: AI-FML International Academy Competition and Discussion						