8th International Conference on E-Learning in Industrial Electronics (ICELIE 2021) **Toronto, October 13-16, 2021** Industria The COVID-19 pandemic and E-learning challenges in Industrial Electronics Education Co-located with The 47th Annual Conference of the IEEE Industrial Electronics Society (IECON 2021) **Education Society** CALL FOR PAPERS 13-16 October 2021 Toronto, Canada Sponsored by: IEEE Industrial Electronics Society and IEEE Educations Society **Honorary Chairs:** Yousef Ibrahim Australia ICELIE'2021 is a forum for presentation and discussion of modern education and electronic learning methods for teaching in the field of industrial electronics and related disciplines. ICELIE'2021 will be co-located with IECON'2021, Kamal Al-Haddad Canada Spain the flagship conference of the IEEE Industrial Electronics Society. These two conferences will hold concurrent sessions Leopoldo G. Franquelo and joint activities, but each conference will publish its own proceedings. Australia Xinghuo Yu Participants can enjoy both ICELIE and IECON conferences and receive both conference proceedings for a **General Chairs:** single registration fee Larisa Dunai Spain Gayan Kahandawa Australia The conference will cover eLeaning aspects in teaching Industrial Electronics-related disciplines such as: • Tools and platforms · Hybrid learning **Technical Program Chairs:** · Challenging Technical Aspects · Mobile learning, teaching and training Saliah-Hassane, Hamadou Canada · Teaching Industrial electronics for sustainable energy · E-learning-oriented technologies Kazuhiro Umetani Japan • New applications of information and communication •Standards development for trust learning platforms Hungary Csaba Budai technologies in electrical and electronic engineering • Learning in Industry 4.0 Antonio Espírito-Santo Portugal teaching **Special Sessions Chairs:** The topics of ICELIE 2021 that will be addressed in this conference will include, but are not limited to: Portugal Jose Barata eLearning in Pandemic: Innovative techniques for teaching industrial electronics in pandemic environment. Effects of Radhi Mhiri Canada pandemic for learning and teaching in industrial electronics eLearning-oriented devices and networks: Mobility (IEEE 802.11, smart devices); Mobile communications; From 4G to 5G and beyond; Mobile/Wireless networking; Wireless access; Mobile IP, VoIP, IPTV; Satellite technologies; Next **Publicity Chairs:** generation of mobile technology; User-oriented device interfaces; Adaptable student/device interaction; Wearable devices Alenka Hren Slovenia Leandro Soares Indrusiak UK eLearning technologies: Architecture of eLearning systems; Informal learning; Exploratory and serendipitous learning; Asif Sabanovic Turkey Multimedia and hypermedia; Integrated learning and educational environments; Remote and wireless teaching Corrie Nichol USA technologies; Anytime/anywhere eLearning and wearable network devices; Adaptive eLearning and intelligent tools; Agents; Intelligent tutoring systems; Practical uses of authoring tools; Application of metadata and virtual reality. **Publication Chair:** Tools and platforms: eLearning tools; Mobile/ubiquitous eLearning; Web 3.0 and social computing for learning; Martin Novak Czech Republic Ontologies and semantic Web standards for eLearning; Adaptive and personalized educational hypermedia; Peer-to-Peer learning applications; Social software for collaborative learning; e-Learning platforms, portals and virtual learning **IEEE Education Society** environments; Multimedia environments; Web-based learning; Learning content management systems Liaison: On-line learning: Content engineering; Internet based systems; Navigational aspects; Virtual spaces; Ubiquitous Portugal Henrique Santos learning; Mobile e-Learning applications; Pervasive e-Learning; Multi-agent technology in Web-based education; Semantic social networks; Community discovering in social learning systems; Social structure exploitation in e-learning **ICELIE Steering Committee:** Mobile learning, teaching, and training: Teaching and learning technologies for mobile learners; Software and Jose Alfonso Antonino Daviu_ Spain hardware systems for mobile learning and teaching; Virtual mobile learning environments; Adaptive learning strategies; Ricardo Machado Portugal Security issues; LMSs for mobile learning; Infrastructure, administrative and organizational issue of mobile learning; Ahmad Ibrahim Canada Applications of mobile technology in open, distance and corporate education; strategies and policies on mobile learning Oscar Lucia Spain Hybrid learning: Didactics; Teacher-centric and student-centric approaches; Self-learning integrated methodology; Milos Manic USA Learner autonomy; Interactive hybrid learning; Collaborative learning/groupware; Content management for hybrid João Martins Portugal learning; Digital libraries; Content development in hybrid learning; Outcome based teaching and learning Luis Gomes Portugal Challenging technical aspects: Remote laboratories; Simulation/emulation vs. physical experimentation; New e-Antoni Grau Spain Learning virtual/remote laboratories; eLearning software and hardware; Curriculum projects and experiences; Educating Lucia Lo Bello Italv the educators; Simulated communities; Online mentoring; Personalization; Corporate training Assessing eLearning: Organization of eLearning; Cost models for eLearning; E-market place for higher education; **Program Committee:** Evaluation of eLearning; eLearning effectiveness and outcomes; Global trends in eLearning Juan José Rodríguez-Andina Spain Jerzy Baranowski Poland Working Language: English is the working language of ICELIE. Full papers are to be submitted electronically. Reza Abrishambaf USA Accepted and presented papers will be published in the respective conference proceedings, and submitted to IEEE Wolbank Thomas Austria Xplore® online digital library. Detailed information about manuscript formatting and submission is available at: Laura Ramirez Elizondo Netherlands www.icelie2021.meetingsevents.net.au Peter Korondi, Hungary Jeen G. Khor Malaysia **Important Dates:** Contributed Papers: 31 August 202 Notification of Acceptance 5 September 202 01 October 2021 Final submission Due

For additional information please visit: www.icelie2021.meetingsevents.net.au