2021 7th International Conference on Event-Based Control, Communication, and Signal Processing (EBCCSP 2021)

Krakow, Poland
23 – 25 June 2021

IEEE Catalog Number: CFP21D31-POD
ISBN: 978-1-6654-3698-4

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IEEE Catalog Number: CFP21D31-POD
ISBN (Print-On-Demand): 978-1-6654-3698-4
ISBN (Online): 978-1-6654-3697-7

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DETAILED PROGRAM

Day 1 – June 23	
09:30–09:45	Opening ceremony
09:45-11:00	**Event-Based Control and Signal Processing – Session 1** Felix Kreutz, Pascal Gerhards, Bernhard Vogginger, Klaus Knobloch and Christian Georg Mayr ***Applied Spiking Neural Networks for Radar-based Gesture Recognition...1*** Zhanybai T. Zhusubaliyev, Alexander Medvedev and Anton Proskurnikov ***Impulsive Goodwin's Oscillator Model of Endocrine Regulation: Local Feedback Leads to Multistability...5*** Brigitte Bidegaray-Fesquet, Nacim Meslem and Fairouz Zobiri ***Event-Based Set-point Tracking Based on a State Observer...13***
11:00–11:30	Coffee break
11:30–12:30	**Keynote** **Manuel Mazo** *Timed Automata to bridge efficiency and predictability of event-triggered controllers...N/A*
12:30-14:00	Lunch
14:00–15:00	**Pleanary Lecture** **Jinyuan Wu** *Rethinking "Well-known" Concepts in TDC...N/A*
15:00-15:30	Coffee Break
15:30-16:30	**NoMe-TDC 2021 – Time-to-Digital Converters and Applications – Session 1** Scott Tancock, John Rarity and Naim Dahnoun ***Developments in Time-to-Digital Converters during 2020...19*** Junchen Wang, Changqing Feng, Wenhao Dong, Zhongtao Shen and Shubin Liu ***A High Precision Time-to-Digital Converter based on Multi-chain Interpolation with a Low-Cost Artix-7 FPGA...24***

Day 2 – June 24	
10:30-12:00	**NoMe-TDC 2021 – Time-to-Digital Converters and Applications – Session 2** Simão Araújo, Rui Machado and Jorge Cabral ***Double-sampling Gray TDC with a ROS Interface for a LiDAR System...29*** Scott Tancock, John Rarity and Naim Dahnoun ***Temperature Characterisation of the DSP Delay Line...37*** Pawel Kwiatkowski, Dominik Sondej and Ryszard Szplet ***A brief review of wave union TDCs...45***
12:00-14:00	Lunch
14:00-15:00	**Keynote** **Joerg Kliewer** *Asynchronous Communication for Power-Constrained Event-Based Wireless Sensing...N/A*
15:00-16:00	**Keynote** **Jorge Cortes** *Resource-Aware Control for the Design of Accelerated Optimization Algorithms...N/A*
16:00-16:15	Coffee Break
16:15-17:30	**Event-Based Control and Signal Processing – Session 2** Mani Hemanth Dhullipalla, Hao Yu and Tongwen Chen ***Event-based broadcasting for stochastic subgradient algorithms...51*** Ali Bemani and Niclas Björsell **Distributed Event-Triggered Control of Vehicular Networked System with Bursty Packet Drops...59** Saeed Mian Qaisar, Amal Abdel Gawad ***Prediction of the Li-Ion Battery Capacity by Using Event-Driven Acquisition and Machine Learning...66***

Day 3– June 25	
09:00-10:15	**NoMe-TDC 2021 – Time-to-Digital Converters and Applications – Session 3** Giulia Acconcia, Massimo Ghioni and Ivan Rech ***4.3ps rms jitter time to amplitude converter in 350nm Si-Ge technology...72*** Mojtaba Parsakordasiabi, Ion Vornicu, Ángel Rodríguez-Vázquez and Ricardo Carmona-Galán ***A Novel Approach for Measurement Throughput Maximization in FPGA-based TDCs...76*** Scott Tancock, John Rarity and Naim Dahnoun ***A Long-Range Hardware Bubble Corrector Technique for Short-Pulse-Width and Multiple-Registration Encoders...82***
10:15–10:45	Coffee Break
10:45–12:00	**Event-Based Control and Signal Processing – Session 3** Evgenij Bogdanov, Alexander Bozhnyuk, Stanislav Sartasov and Oleg Granichin ***On Application of Simultaneous Perturbation Stochastic Approximation for Dynamic Voltage-Frequency Scaling in Android OS...88*** Saeed Mian Qaisar, Nehal Alyamani ***Adaptive Rate Sampling and Machine Learning Based Power Quality Disturbances Interpretation...95*** Alexis Rodrigo Iga Jadue, Sylvain Engels and Laurent Fesquet ***Comparison between an ASK Event-Based Demodulation and a Digital IQ Demodulation...101***
12:00-12:15	Closing Session