CC1. Systems and Signals

At the time of submission of you paper in PaperPlaza, by first selecting "Theme" as "Signals and Systems", the following keywords in the right column will be listed. By selecting one of them as your "1st keyword", your paper will be handled and reviewed by the members of the IFAC Technical Committee (TC) shown in the left column. For more on Technical Committees on this theme, please see https://tc.ifac-control.org/1.

TC Name	Keywords
1.1. Modeling, Identification and Signal Processing	Bayesian methods
	Bounded error identification
	Channel estimation/equalisation
	Closed loop identification
	Continuous time system estimation
	Data-driven control
	Dynamic networks
	Errors in variables identification
	Experiment design
	Fault detection and diagnosis
	Filtering and smoothing
	Frequency domain identification
	Grey box modelling
	Hybrid and distributed system identification
	Identifiability
	Identification for control
	Input and excitation design
	LPV system identification
	Learning for control
	Machine learning
	Mechanical and aerospace estimation
	Nonlinear system identification
	Nonparametric methods
	Particle filtering/Monte Carlo methods
	Randomized methods for modeling, identification and signal processing
	Recursive identification
	Software for system identification
	Stochastic system identification in signal processing
	Subspace methods
	Time series modelling
	Vibration and modal analysis
1.2. Adaptive and Learning Systems	Adaptive control of multi-agent systems
	Adaptive gain scheduling autotuning control and switching control
	Adaptive observer design
	Consensus and reinforcement learning control
	Extremum seeking and model free adaptive control
	Iterative and repetitive learning control
	Model reference adaptive control
	Neural and fuzzy adaptive control
	Nonlinear adaptive control
	Stochastic adaptive control
1.3. Discrete Event and Hybrid Systems	Diagnosis of discrete event and hybrid systems
	Discrete event modeling and simulation
	Event-based control
	Hybrid and switched systems modeling
	Max-plus algebra
	Model predictive control of hybrid systems
	Optimal control of discrete event and hybrid systems
	Petri nets
	Quantized systems
	Queuing systems and performance model
	Reachability analysis, verification and abstraction of hybrid systems
	Stability and stabilization of hybrid systems
	Stochastic hybrid systems
	Supervisory control and automata
1.4. Stochastic Systems	Estimation and filtering
	Estimation theory
	Kaiman Filtering
	Kandomized methods for stochastic systems

	Realization theory
	Security of stochastic systems
	Statistical analysis
	Statistical inference
	Stochastic control
	Stochastic system identification
	Synthesis of stochastic systems
1.5. Networked Systems	Complex system management
	Consensus
	Control and estimation with data loss
	Control of networks
	Control over networks
	Control under communication constraints
	Control under computation constraints
	Coordination of multiple vehicle systems
	Decentralized control and large-scale systems
	Distributed control and estimation
	Distributed optimization for large-scale systems
	Event-triggered and self-triggered control
	Graph-based methods for networked systems
	Multi-agent systems
	Networked embedded control systems
	Networked robotic systems
	Security in networked control systems
	Sensor networks
	Wireless sensing and control systems