7th IEEE Uttar Pradesh Section
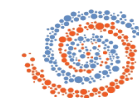# International Conference on Electrical, Electronics and Computer Engineering (UPCON 2020)
November 27-29, 2020

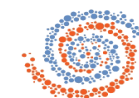## Program Schedule - DAY-1

Day 1: Nov 27, 2020 [Friday]					
Time (24 Hrs.)	**Program**				
09:00-10:00	**Inaugural function**				
10:00-11:30	**Plenary talk: Prof. Om Parkash Malik** Title: Evolution of Power systems as Smarter Grids: Role of Control and Automation				
11:30-12:30	**Invited talk: Prof. Bhim Singh** Title: Solar Water Pumping: An Engineering Innovation for Agriculture			**Invited talk: Prof. J. Ramkumar** Title: Buzz Word 'Innovation'	
	Online Technical Sessions-Day 1				
12:30-14:00	**Electrical Engineering (EE) Tracks**			**Electronics and Communication (EC) Engineering Tracks**	
	EE 1.1 Power Converters	**EE 1.2** Power System Planning	**EE 1.3** Energy Market	**EC 1.1** Microwaves and Antennas	**EC 1.2** VLSI
	Paper IDs: 69, 247, 340, 484, 532	Paper IDs: 419, 443, 447, 473, 527	Paper IDs: 160, 170, 231, 337, 356, 457	Paper IDs: 25, 75, 142, 147, 161, 208	Paper IDs: 33, 132, 144, 152, 227, 500
14:00-14:30	**Lunch**				
14:30-16:15	**Electrical Engineering (EE) Tracks**			**Electronics and Communication (EC) Engineering Tracks**	**Computer Science (CS) Engineering Track**
	EE 1.4 Renewable Energy Systems Control	**EE 1.5** Control in Power Electronics Systems	**EE 1.6** Power Control in Microgrid	**EC 1.3** Image Processing	**CS 1.1** Machine Learning
	Paper IDs: 116, 176, 213, 382	Paper IDs: 129, 410, 413, 521, 529	Paper ID: 375, 534, 535, 538, 539	Paper IDs: 6, 248, 249, 298, 355	Paper IDs: 130, 156, 245, 390, 458, 513
16:15-17:45	**Invited talk : Prof. K.V.S Hari** Title: Sensing and Signal Processing for Autonomous Navigation				
	End of Day 1				

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Program Schedule - DAY-2

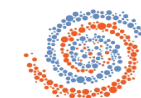| Day 2: Nov 28, 2020 [Saturday]					
Time (24 Hrs.)	**Program**				
09:00-10:00	**Invited talk: Prof. Saraju P. Mohanty** Title: Healthcare Cyber-Physical System (H-CPS) is More Important than Before				
10:00-11:15	**Invited talk: Prof. Praveen Jain** Title: Resonant Power Conversion: Insights from a Lifetime of Experience			**Invited talk: Prof. K. V. Srivastava** Title: Full Duplex Antenna: Design and Challenges	
11:15-11:30	**Break**				
	Online Technical Sessions-Day 2 (Pre-lunch)				
11:30-13:00	**Electrical Engineering (EE) Tracks**	**Electronics and Communication (EC) Engineering Tracks**		**Computer Science (CS) Engineering Track**	
	EE 2.1 **Power System Protection** **Paper ID:** 48, 216, 236, 358, 383, 396	**EC 2.1** **Materials & Design of Antennas** **Paper ID:** 15, 163, 311, 333, 436, 464	**EC 2.2** **Communication System** **Paper ID:** 62, 287, 412, 428, 468	**CS 2.1** **Computational Intelligence** **Paper ID:** 145, 299, 380, 427, 519	
13:00-14:00	**Lunch**				
14:00-15:30	**Invited talk: Prof. Hamid Reza Karimi** Title: Consensus Control of Multi-agent Systems				
15:30-15:45	**Break**				
	Online Technical Sessions-Day 2 (Post-lunch)				
15:45-17:15	**Electrical Engineering (EE) Tracks**			**Electronics and Communication (EC) Engineering Tracks**	**Computer Science (CS) Engineering Track**
	EE 2.2 **Power System Operation & Equipment monitoring** **Paper ID:** 128, 326, 327, 434, 482, 520	**EE 2.3** **Control System** **Paper ID:** 225, 229, 288, 385	**EE 2.4** **Electric motors and EV Charging** **Paper ID:** 203, 415, 459, 536, 537	**EC 2.3** **Antennas for Communication** **Paper ID:** 40, 378, 391, 426, 497, 510	**EC 2.4** **Wireless Sensors Networks** **Paper ID:** 74, 126, 190, 244, 466	**CS 2.2** **Signal Processing & Machine Learning** **Paper ID:** 151, 159, 194, 243, 343, 515
End of Day 2					

Note: The details regarding link for joining the online technical sessions will be uploaded shortly. Kindly visit the UPCON-2020 website regularly for updates.

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Program Schedule - DAY-3

Day 3: Nov 29, 2020 [Sunday]				
Time (24 Hrs.)	**Program**			
9:00-10:00	**Invited talk: Prof. Shuvra S. Bhattacharyya** Title: Model-based Co-simulation and Design Space Exploration or Industrial Wireless Networks	**Invited talk: Prof. Atul Prakash** Title: Adversarial Machine Learning		**Invited talk: Prof. S N Singh** Title: Key Issues and Challenges in Smart Grid Implementation
10:00-11:15	**Tutorial 1: Mr. Prateek Sikka** Novel Methods for Area, Speed and Power Optimization using HLS for FPGA Prototyping	**Tutorial 2: Dr. Anamika Yadav** Application of Wavelet Transform and Its Variants in Protection of Smart Grids		**Tutorial 3: Dr. Satish K Singh** Pre-Deep Learning Essentials
11:15-11:30	**Break**			
	Online Technical Sessions-Day 3 (Pre-lunch)			
11:30-12:30	**Electrical Engineering (EE) Tracks**	**Electronics and Communication (EC) Engineering Tracks**	**Computer Science (CS) Engineering Track**	**IEEE UP Section Executive Meeting**
	EE 3.1 Power System Operation / **EE 3.2** PV based System Operation and Control	**EC 3.1** VLSI Design	**CS 3.1** IoT and its Applications	
	Paper ID: 29, 50, 54, 224, 322 / Paper ID: 181, 303, 469, 533, 540	Paper ID: 66, 157, 209, 280, 420, 511	Paper ID: 200, 218, 325, 440	
12:30-14:00	**Invited talk: Dr. Anurag K Srivastava** Title: Data-Driven Tools to Enable Cyber-Physical Resiliency of the Electric Grid	**IEEE Young Professional (YP) Activity**		**IEEE Women in Engineering (WIE) Activity**
14:00-14:30	**Valedictory function**			
	End of Day 3			

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