

	Douro Sul (A)	Douro Norte (B)	Tâmega (C)	Corgo (D)	Minho (E)	Lima (F)	Cávado (G)	Foyer-1 (P)	Porto Room (Industry Track)
SUNDAY 3 June									
7:30-17:30	Registration (Foyer 0)								
8:30-17:00	Tutorials and Workshops (SEE SEPARATE PROGRAM)								
18:00-20:00	Welcome Reception (1st Floor Foyer and Porto Foyer)								
MONDAY 4 June									
7:00-17:30	Registration (Foyer 0)								
9:00-9:45	Welcome: JR Cruz, General Chairs, Rui Dinis, TPC Chair, Alex Wyglinski, VTS President, Augusto Albuquerque, Honorary Chair (Porto Room)								
9:45-10:30	Keynote: Reinaldo. A. Valenzuela Director, Nokia Bell Labs, USA (Porto Room)								
10:30-11:00	Refreshments & Exhibits (Foyer 1)								
11:00-12:30	(1)	mm-Wave and 5G Channels	MIMO Systems I	Modulation and Coding	HetNets I	Wireless Connectivity I	UAV Relaying	Electric Vehicles and Vehicular Communication	5G
12:30-14:00	Lunch (Food Court)								
14:00-15:30	(2)	Channel Modeling and Measurements	Massive MIMO I	Channel Coding I	Vehicular Networks I	Wireless Connectivity II	Cooperative and Cognitive Networks	Resource Allocation and Scheduling	5G
15:30-16:00	Refreshments & Exhibits (Foyer 1)								
16:00-17:30	(3)	Resource Allocation I	mm-Wave Communications	Full-Duplex Systems	Vehicular Networks II	PAPR Reduction	Positioning Techniques I	MIMO Systems II	5G
TUESDAY 5 June									
8:00-17:30	Registration (Foyer 0)								
9:00-9:15	Keynote Address: Ana Teresa Lehman, Secretary of State for Industry, Portugal (Porto Room)								
9:15-9:50	Best Paper Awards Presentations on VTC2018-Fall in Chicago and VTC2019-Spring in Kuala Lumpur (Porto Room)								
9:50-10:30	Keynote: João Barros, Founder and CEO, Veniam, Porto Portugal (Porto Room)								
10:30-11:00	Refreshments & Exhibits (Foyer 1)								
11:00-12:30	(4)		mm-Wave and 5G	Communication Theory	Vehicular Networks III	Antennas and Power Amplifiers	Energy Efficiency I	VLC	ACV
12:30-14:00	Lunch (Food Court)								
14:00-15:30	(5)		Massive MIMO II	Wireless Systems	Vehicular Networks IV	Security I	Energy Efficiency II	Wireless Services and Applications	Propagation Models and Spectrum Management
15:30-16:00	Refreshments & Exhibits (Foyer 1)								
16:00-17:30	(6)		Cloud RAN	Channel Coding II	Vehicular Networks V	Cognitive Radio	Sensor Networks	Driving Assistance	mm-Wave Systems and Networks
18:00-21:30	VTC2018-Spring Banquet (Tres Séculos Winery) Busses leave at 18:00 from in front of hotel								
WEDNESDAY 6 June									
8:00-17:30	Registration (Foyer 0)								
9:00-10:30	Keynotes: Vladimiro Feliz, Director, Head of Smart Cities and ICT, CEiiA; Simone Redana, Head Network & Architecture Research, Nokia Bell Labs & Chair, 5GPPP Architecture Working Group (Porto Room)								
10:30-11:00	Refreshments & Exhibits (Foyer 1)								
11:00-12:30	(7)	OFDM	Cooperative Communications	Cellular and D2D Networks	Vehicular Networks VI	Security II	Positioning Techniques II	Internet of Things	Smart Cities and IoT
12:30-14:00	Lunch (Food Court)								
14:00-15:30	(8)	Performance Evaluation and RF Design	mm-Wave MIMO Communications	Detection and Channel Estimation	D2D and Vehicular Communications	Edge/Cloud Networking	Energy Harvesting and Wireless Power Transfer I	UAVs	Wireless Networks and Multiple Access
15:30-16:00	Refreshments & Exhibits (Foyer 1)								
16:00-17:30	(9)	Resource Allocation II	Multiple Access	Experimental Analysis	HetNets II	Security III	Energy Harvesting and Wireless Power Transfer II	Emerging Solutions for Vehicular Networks	Sensor Networks and Performance Analysis