



AVEC2024

16th International Symposium on Advanced Vehicle Control



PROGRAMME OVERVIEW - Preliminary



	2 September	3 September	4 September	5 September	6 September
8:15 - 8:30		OPENING			
8:30 - 9:30 KEY-NOTE		B. Ciuffo - European Commission <i>Vision of European Commission on Automated Vehicles</i>	A. Kemeny - DSA <i>Challenges of dynamic driving simulator technology in the use of autonomous vehicle engineering design</i>	M. Pavone - ETH Zurich <i>Revolutionizing AV Development With Foundation Models</i>	TECHNICAL VISITS to industrial plants in one of the following Italian regions: Lombardy Piedmont Emilia Romagna Tuscany Veneto
9:30 - 10:30 3 PRESENTATIONS	<ul style="list-style-type: none"> Vehicle Dynamics Theory (VDT 1.1) Steering, Brake, Tire, Suspension (SBTS 1.1) Chassis control (CC 1.1) 	<ul style="list-style-type: none"> Active Safety Systems and ADAS (ADAS 2.1) Electrified Vehicles (EV 2.1) Automated Driving Systems (AD 2.1) 	<ul style="list-style-type: none"> Automated Driving Systems (AD 3.1) Identification and Estimation (IE 3.1) Other related topics in vehicle control (O 3.1) 		
10:30 - 11:00	COFFEE-BREAK & POSTER EXHIBITION				
11:00 - 12:40 5 PRESENTATIONS	<ul style="list-style-type: none"> Vehicle Dynamics Theory (VDT 1.2) Steering, Brake, Tire, Suspension (SBTS 1.2) Chassis control (CC 1.2) 	<ul style="list-style-type: none"> Active Safety Systems and ADAS (ADAS 2.2) Driver-Vehicle Systems (DVS 2.2) Automated Driving Systems (AD 2.2) 	<ul style="list-style-type: none"> Testing and Validation (TV 3.2) Automated Driving Systems (AD 3.2) Identification and Estimation (IE 3.2) 		
12:40 - 14:00	LUNCH & POSTER EXHIBITION & LAB VISITS				
14:00 - 14:40 INVITED LECTURE		M. Spoliaric - Bugatti Rimac <i>Driving Tomorrow: Unlocking Safety, Performance, and Efficiency through advanced vehicle controls</i>	J. Sill - Tesla <i>The impact that today's connected vehicles (OTA, SaaS, etc.) have on automotive controls development and the auto industry</i>	S. Varisco, F. Ghirardi - Ferrari <i>Ferrari Active Suspension Technology: a case study of performance enhancement while dealing with architectural constraint</i>	TECHNICAL VISITS to industrial plants in one of the following Italian regions: Lombardy Piedmont Emilia Romagna Tuscany Veneto
14:40 - 15:40 3 PRESENTATIONS	<ul style="list-style-type: none"> Vehicle Dynamics Theory (VDT 1.3) Steering, Brake, Tire, Suspension (SBTS 1.3) Chassis control (CC 1.3) 	<ul style="list-style-type: none"> Stability Enhancement Systems (ABS, TCS, ESC) (SES 2.3) Driver-Vehicle Systems (DV 2.3) Automated Driving Systems (AD 2.3) 	<ul style="list-style-type: none"> Modeling (M 3.3) Automated Driving Systems (AD 3.3) Other related topics in vehicle control (O 3.3) 		
15:40 - 16:10	COFFEE-BREAK & POSTER EXHIBITION				
16:10 - 17:10 3 PRESENTATIONS	<ul style="list-style-type: none"> Vehicle Dynamics Theory (VDT 1.4) Driver Model (DM 1.4) Powertrain (PT 1.4) 	<ul style="list-style-type: none"> Automated Driving Systems (AD 2.4) Electrified Vehicles (EV 2.4) Automated Driving Systems (AD 2.4b) 	<ul style="list-style-type: none"> Modeling (M 3.4) Vehicle Dynamics Theory (VDT 3.4) Sensors and Actuators (SA 3.4) 		
17:10 - 18:30	FREE TIME				
18:30-19:15 INVITED LECTURE	D. Sabato - Pirelli <i>Vision Pirelli</i>	FREE TIME		<ul style="list-style-type: none"> Title TBD Timing to be defined 	
19:15 SOCIAL EVENTS	WELCOME PARTY			GALA DINNER at "Chiosstro di San Eustorgio" AVEC Award & Closing Ceremony	