

# AS<sup>3</sup> - Automotive Software Summer School



UNIVERSITÀ  
DEL SALENTO

Nardò Technical Center  
Porsche Engineering

# Program

Monday 11.09	Tuesday 12.09	Wednesday 13.09	Thursday 14.09	Friday 15.09
<b>Welcome &amp; inauguration</b> 09.00 - 09.30	<b>Immersive technology AR/VR</b> Lucio de Paolis 09.00 - 10.45	<b>AR/VR at Porsche Engineering</b> Tobias Watzl 09.00 - 10.45	<b>Vehicular networks</b> Giovanni Ciccarese 09.00 - 10.45	<b>AI</b> Italo Epicoco 09.00 - 10.45
<b>Green software for AI</b> Luca Mainetti 09.30 - 10.45				
Coffee Break 10.45 - 11.00				
<b>Green software for AI</b> Roberto Vergallo 11.00 - 13.00	<b>Immersive technology AR/VR</b> Valerio de Luca 11.00 - 13.00	<b>ADAS/ADS System-integration and testing</b> Moritz Markofsky (Remote) 11.00 - 13.00	<b>Vehicular networks</b> Giovanni Ciccarese 11.00 - 13.00	<b>AI</b> Massimo Cafaro 11.00 - 13.00
Lunch 13.00 - 14:00/14.30				
<b>PE Hackathon @Unisalento</b> 14.30 - 18.30	<b>PE Hackathon @Unisalento</b> 14.30 - 18.30  <b>Dinner in Lecce</b>	<b>Validation of sensor models</b> Valentina Donzelli (Remote) 14.00 - 15.00  <b>PE Hackathon @Unisalento</b> 15.00 - 18.30	<b>Lab @Unisalento: Vehicular networks</b> Luigi Mazzarella 14.30 - 17.30	<b>Lab @Unisalento: AI</b> Marco Pulimeno 14.30 - 17.30

Monday 18.09	Tuesday 19.09	Wednesday 20.09	Thursday 21.09	Friday 22.09
		<b>Manoeuvre-based scenario descriptions for AD simulations</b>		<b>PE Hackathon review &amp; presentation</b>
		Nicole Neis 09.00 – 10.00		09.00 – 10.00
<b>Security</b> Danilo Caivano 09.30 – 10.45	<b>Objectivation of vehicle dynamics</b> Domenico Manieri 09.00 – 10.45	<b>Automatic Odometryless OpenDRIVE generation</b> Leon Eisemann 10.00 – 10.45	<b>AI to innovate car driving functions</b> Joachim Schaper 09.00 – 10.45	<b>Start-up presentation</b> ACCURE (Remote) 10.00 – 11.00
Coffee Break 10.45 – 11.00				
		<b>Driving in the high dynamics area: a simulation environment for automated driving on racetracks</b>	<b>Data pipelines car to cloud</b>	<b>Start-up presentation</b>
		David Hermann 11.00 – 12.00	Petr Kristan 11.00 – 12.00	Naica 11.00 – 12.00
<b>Security</b> Christian Catalano 11.00 – 13.00	<b>Driving into the Future: The Rising Role of Simulation in ADAS/AD Verification and Validation</b> Tille Karoline Rupp 11.00 – 13.00	<b>New Mobility</b> Johannes Wiebelitz 12.00 – 13.00	<b>Battery anomaly detection and failure prediction</b> Lars Marstaller 12.00 – 13.00	<b>Start-up presentation</b> VEELCE / ELEXIR AG (Remote) 12.00 – 13.00
Lunch 13.00 – 14:00/14:30				
			<b>NTC visit</b>	
			14.30 – 19.30	
<b>Security Lab @Unisalento</b> Christian Catalano 14.30 – 17.30	<b>PE Hackathon @Unisalento</b> 14.30 – 18.30	<b>PE Hackathon @Unisalento</b> 14.30 – 18.30	<b>incl. Key note event</b> Markus Eberl (CEO PEG) Antonio Gratis (CEO NTC) 17.30 – 19.00	
			<b>Dinner in Lecce</b>	