

Tunga fordon; Seminarium AVL

AVL successfully applies expertise for the 5 Elements – combustion engine, transmission, e-motor, energy storage systems and control functions – with dedicated methods and know-how for system design, system simulation and requirement engineering. Based on specific application know-how in the field of Heavy Duty Off-Road including dedicated experience with hydraulic systems the tailoring of the powertrain to our customer needs can be achieved leading to optimized cost to benefit ratio for the applied solution.

Electrification of the powertrain increases the already enormous diversity and application variation range in off-road machines and powertrain systems. With each machine purpose-built for very specific tasks, OEM's are facing numerous crucial strategic decisions related to powertrain architecture, such as; Would hydraulic or electric hybridization technology be the preferred option? What about energy storage systems? How much effort should be spent on electrification of auxiliaries? How to integrate these alternative powertrains in a cost-efficient manner, while keeping control of the value chain?

The second strong technology driver at the moment is related to SW development and various degrees of automation. In off-road machinery, where productivity is a key performance parameter, cycle optimization and alternative solutions for operator alternatives become more important. This has strong implications on SW functional improvements as well as various solutions for automated driving and connected system solutions where machines interact with each other in an optimized and systematic way.

TID: onsdag 26 juni 2019, kl 9:30 - 15:30

PLATS: Videum Science Park, Framtidsvägen 14, Växjö

9.30	<i>Kaffe och smörgås</i>	
10.00	Välkommen, presentationsrunda	
	AVL Sweden in general	Presenters from AVL:
	Electrification	Joakim Karlsson/Sten Hovmark, KAM
	Battery development and testing	Joakim Karlsson, Skill team leader
	Development of electrical motors	PTE Transmission Engineering
	Battery Management Systems	Joakim Karlsson
	Fuelcells	Günther Hager, Senior Product Manager
	Autonomus drive	Günther Hager
	Software development	Günther Hager
		Joakim Karlsson
		Joakim Karlsson
15.00	Frågor, avslutning	
	<i>Lunch och fika serveras under dagen</i>	

Anmälan görs senast 14 juni via mail; karin@tungafordon.com eller 0470-77 86 24/0705 303 767.
Dagen är kostnadsfri för Tunga fordons medlemsföretag och inbjudna. Ange om Du behöver specialkost.

Välkommen!

