

Agenda of the 11th VERT Forum | eConference on March 25th 2021

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time start	presentation	content
08:30		<i>Technical Host</i> Opening / Welcome Screen / Warm Up
08:45	W01	<i>M. Kress</i> Conference Instruction and Guidance - Zoom Business Technology Information
Welcome 09:00 - 09:15 Official Start of Conference		
09:00	W02	<i>V. Hensel</i> Welcome VERT Most important zoom topics and conference rules
09:05	W03	<i>N. Heeb</i> Welcome EMPA
09:10	W04	<i>L. Larsen</i> Welcome VERT Association
KEYNOTE 09:15 - 09:35		
09:15	Keynote	<i>K. Boulouchos, LAV ETHZ</i> Synthetic renewable fuels future contributions to and consequences for the global energy system
SESSION I RESEARCH AND DEVELOPMENT		
09:35	RD01	<i>V. Hensel, VERT Association</i> Session Opening; rules and instructions
09:40	RD02	<i>N. Heeb, EMPA</i> New fuels, new risks the chemistry and toxicity of synthetic fuels
10:00	RD03	<i>Z.A. Kanji, ETHZ</i> New evidence of soot particles affecting past and future clouds and climate
10:20	RD04	<i>H. Burtscher, FHNW</i> Sub 23 nm particles do we need to consider them?
10:40	RD05	<i>A. G. Konstandopoulos, APT Lab, CErTH, GR</i> Taking cues from nanoparticle emission control and aerosol nanotechnology for antiviral devices
Session II NEW EMISSION REDUCTION TECHNOLOGY		
11:00	EM01	<i>J. Demuyne, AECC</i> Low emissions measured on modern vehicles
11:20	EM02	<i>H. Noack, UMICORE</i> Robust aftertreatment systems for large engines and marine applications
11:40	EM03	<i>F. Jaussi, LIEBHERR</i> Emission technology of non road mobile machinery in the EU and other markets
12:00	EM04	<i>H. Borgmeier, HJS</i> Vehicle upgrade solutions for clean air in emission hot spots
12:20	EM05	<i>J. Czerwinski, AFHB/VERT Association</i> Handheld Machines Network HaMaSNet contributions to the occupational health protection
12:40		Breakout Session A Room 3DATX Corporation Room CPK Automotive Room TSI Incorporated Room Dekati Technologies Room VERT Association
Session III Identification of High Emitters and New Periodical Inspection		
13:20	HE01	<i>C. Dominguez, Mexico</i> High emitters dominate PN emissions of petrol LDV fleets an urgent problem
13:40	HE02	<i>L. Zuidgeest, Ministry NL</i> Introduction in the Netherlands of the PTI particle number test at low idle in 2021 to check DPFs

14:00	HE03	<i>M. Schriefl, AVL</i> Particle number measurements within periodic technical inspections: A first quantitative assessment of the influence of size distributions and the fleet emission reduction
14:20	HE04	<i>J. Spielvogel, TSI</i> Measurement of sub-23 nm exhaust emission particles
10:40	HE05	<i>G. S. Sandhu, 3DATX</i> New Approaches to Vehicle Emissions Inspections
15:00		Breakout Session B Room 3DATX Corporation Room CPK Automotive Room TSI Incorporated Room Dekati Technologies Room VERT Association
Session IV NEW LEGISLATION and Outlook		
15:30	NL01	<i>C.G. Torres, BUNKER</i> Regulatory limits and technical solutions for ocean vessels
15:50	NL02	<i>T. Rindlisbacher, BAZL</i> First global regulatory limits for aircraft engine particle mass and number emissions
16:10	NL03	<i>V. Schlickum, UVK Berlin</i> The pros and cons of SCR & DPF retrofit in German low emission zones
16:30	NL04	<i>A. Dimaratos, Aristotle University Thessaloniki</i> EU towards Post Euro VI/6
16:50	NL05	<i>A. Friedrich, DUH</i> Requirements for post EU VI/6 emission the DUH perspective
Session V VERT Projects in Emerging Markets and Best Practise		
17:10	BP01	<i>B. Lang, Swisscontact</i> CALAC+ in Latin America and the Nanoparticle Conference in Mexico City
17:30	BP02	<i>A. Zalberg, SVIVA</i> DPF Retrofit for HDV in low emission zones, for construction and railway in Israel
17:50	BP03	<i>V. Hensel, VERT Association</i> VERT research projects and worldwide market support for air quality
18:00	BP04	<i>L.C. Larsen, VERT Association</i> Closing remarks / End of official Conference
18:00		Breakout Session C - until 18:30 Room 3DATX Corporation Room CPK Automotive Room TSI Incorporated Room Dekati Technologies Room VERT Association
18:30		Closing of all private rooms