



China-Germany-Japan Workshop on Advanced Manufacturing of New Energy Vehicles

December 8-9-10, 2021, Virtual Workshop

Language: English

Preliminary Program



December 8, WEN

Beijing Time 14:50~15:00	ZOOM Meeting Room Entry
15:00~15:20	Opening Remarks Opening Chair: Prof. Amy YANG, Donghua University, Secretary of Vehicles Composite Materials Lightweight Committee of SAMPE China
15:00~15:10	Remarks, Dr. Gunnar Merz, CEO, Composites United, Germany
	Remarks, Prof. Yiping Qiu, President, SAMPE China Mainland Region/ Donghua University, China
	Remarks, Prof. Masahito Ueda, Nihon University, The Japan Society for Interface
	Remarks, Dr. Tao Wu, The Sino-German Association of 3D-Printing and Lightweight/ Technical University of Dresden, Germany
	Remarks, Prof. Nakatani Hayato, Osaka City University
15:10~15:20	Featured Talk: Latest National Policy and R&D Progress on NEVs Manufacturing-Germany Dr. Gunnar Merz, CEO, Composites United, Germany & Dr. Tao Wu, The Sino-German Association of 3D-Printing and Lightweight
15:20~16:50	Session Chairs: Prof. Yiping Qiu, President, SAMPE China Mainland Region/ Donghua University
15:20~15:50	Application of Thermosetting Composites in NEVs' Battery Box, Prof. Lixin WU, Fujian Institute of Research on The Structure of Matter, CAS
15:50~16:20	Recycled Materials as An Opportunity for Increased Use of CFRP in Automotive Construction, Dr. Bastian Brenken, Composites United eV.
16:20~16:50	Fatigue Damage Accumulation in Angle-ply CFRP Laminates with Mesh Interlayers, Yuika SAKAMOTO, Master's Student, Osaka City University
16:50~17:00	Tea & Coffee Break
17:00~18:30	Session Chairs Dr. Gunnar Merz, CEO, Composites United, Germany
17:00~17:30	FiberEUse – Reusable CFRP Vehicle Platform, Dr. -Ing Stefan Caba, EDAG Engineering GmbH
17:30~18:00	Deformation Degree Control of Molding Process for Thermoplastic Carbon Fiber Composites, Dr. Fei XIONG, CTO, Suzhou Forin New Materials
18:00~18:30	Recent Advances in 5-axes Printing of Continuous Fiber Composites, FH-Prof. DI Dr. Franz Riemelmoser, School of Engineering, Carinthia University of Applied Sciences
18:30	Session Closed

December 9, THU

Beijing Time 14:50~15:00	ZOOM Meeting Room Entry
15:00~16:40	Session Chairs: Prof. Masahito Ueda, Nihon University, The Japan Society for Interface
15:00~15:10	Featured Talk: Latest National Policy and R&D Progress on NEVs Manufacturing-China Prof. Amy YANG, Donghua University, Secretary of Vehicles Composite Materials Lightweight Committee of SAMPE China
15:10~15:40	Lightweight Smart Chassis, Dr. Gerret Kalkoffen, CEO, CarbonTT
15:40~16:10	CFRP Structural Parts R&D and Mass Production Process, Dr. -Ing. Martin Song, Executive Vice President, Technology Institute of HRC
16:10~16:40	Electromagnetic Shielding Applications of Carbon Based Composites, Prof. Qing-Qing Ni, Chair Professor, National Shinshu University, Japan
16:40~16:50	Tea & Coffee Break
16:50~18:20	Session Chairs Dr. Tao WU, Technische Universität Dresden
16:50~17:20	Manufacturing Process Simulation of Fiber Reinforced Composites – Industrial Software Tools and State of the Art in Research, Dipl.-Ing. Frédéric Masseria, Engineering System International GmbH
17:20~17:50	Intergrated 3D Printing and Casting Processes for Automobile Applications, Dr. Han Zhao, 3D Printing Technology Inc.
17:50~18:20	Empowering R&D with Data Analysis and Uncertainty Quantification, Alex Guerrero, Uptim
18:20	Session Closed

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SAMPE China Mainland Region

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Vehicles Composite Materials Lightweight Committee of SAMPE China

December 10, FRI

Beijing Time 14:50~15:00	ZOOM Meeting Room Entry
15:00~16:40	Session Chairs: Prof. Hayato NAKATANI, Osaka City University
15:00~15:10	Featured Talk: Latest National Policy and R&D Progress on NEVs Manufacturing-Japan Prof. Qing-Qing Ni, Chair Professor, National Shinshu University, Japan
15:10~15:40	Advanced Joining Techniques for Carbon Fiber Reinforced Plastic Structures, Prof. Masahito Ueda, Nihon University
15:40~16:10	Curved Circular Cutting of lightweight Structures, Prof. Wolfgang Hintze, Hamburg University of Technology (TUHH)
16:10~16:40	Enabling Automotive Industry Transformation by Smart Manufacturing with Cutting Edge Digital Technology, Vincent Guo, Global Business Development Director, Siemens
16:40~16:50	Tea & Coffee Break
16:50~18:20	Session Chairs Prof. Amy YANG, Donghua University, Secretary of Vehicles Composite Materials Lightweight Committee of SAMPE China
16:50~17:20	FiberForm by KraussMaffei –Thermoplastic Lightweight Parts with Endless Fiber Reinforced Organosheets, Felix Weitmeier, KraussMaffei Technologies GmbH
17:20~17:50	Composite Materials in New Energy Automobiles, Haoyuan LI, Additive Manufacturing Application Engineer, Geely Research Institute
17:50~18:20	A Productive and Cost-efficient Machining Technology for Electric, Speaker in confirming, Institute of Production Management and Technology (IPMT)
18:20~18:50	Advanced Deep Drawing of Carbon Fiber Reinforced Thermoplastic, Yuki Asano (Nihon University), Kazunori Urushibara (Urushibara corp.), Masahito Ueda (Nihon University)
18:50	Session Closed

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