



## MFAPI – Material Forming and Applications in Automobile and Packaging Industries in Shanghai & Kunming 9 – 13 April 2018

April 9, 2018 Shanghai Polytechnic University (SSPU) Building 19		
17:00 – 18:00	Reception and registration <i>(Receive name tags and pay for lunch and dinner)</i>	Entry hall
April 10, 2018		
8:30 – 8:40	<b>Opening of the MFAPI symposium</b> Sharon Kao-Walter BTH, Yafei He SSPU	Room 201
8:40 – 9:00	<b>Word of welcome and presentation of SSPU</b> <b>President SSPU</b>	Room 201
9:00 – 9:20	<b>Presentation of BTH</b> Mats Walter, BTH	Room 201
9:20 – 9:40	<b>Coffee break</b> <i>(Receive name tags and pay for lunch and dinner, if not done during the reception on April 9)</i>	Room 201
9:40 – 9:50	<b>Practical matters</b> Fengxu Zhou, SSPU & Lena Brandt Gustafsson, BTH	Room 201
9:50 – 10:30	<b>Investigations on the mechanism of incremental sheet forming</b> Invited speaker: Jun Chen, SJTU	Room 201
10:30 – 10:55	<b>Elastic Press and Die Deformations in Sheet Metal Forming Simulations</b> Johan Pilthammar, Volvo Cars/ BTH	Room 201
10:55 – 11:20	<b>Lightweight forming technology and its application in automobile industry</b> Haobin Tian, SSPU	Room 201
11:20 – 11:45	<b>The design and electrochemical performance of graphene-based composites for supercapacitors</b> Jing Li, SSPU	Room 201
11:45 – 12:10	<b>Virtual Package Laboratory</b> Eskil Andreasson, Tetra Pak/BTH	Room 201

12:10 – 12:30	<b>An Introduction to the Smart Manufacturing Factory Lab of SSPU</b> Yafei He, SSPU	Room 201
12:30 – 13:50	<b>LUNCH</b>	1 <sup>st</sup> floor
14:00 – 16:00	<b>Visiting related labs in SSPU</b>	Start from entry hall, building 19
17:30 – 19:30	<b>Banquet</b>	1 <sup>st</sup> floor in building 19

## April 11, 2018

8:30 – 9:00	<b>Tough Elastic Plastic Laminates through Instigated Strain Localisation</b> Invited speaker: Per Ståhle, LTH	Room 201
9:00 – 9:25	<b>A brief introduction of Volvo Car Cooperation in China</b> XiaoDan Feng, Volvo Cars	Room 201
9:25 – 9:50	<b>Reduced Lead Time through Advanced Die Structure Analysis with Focus on Sheet Metal Forming</b> Boel Wadman, Swerea	Room 201
9:50 – 10:10	<b>Coffee break</b> <i>(Receive name tags and pay for lunch, if not done earlier)</i>	
10:10 – 10:35	<b>Modelling of Fracture and Delamination in Laminated Packaging</b> Defeng Zhang, Quzhou University	Room 201
10:35 – 11:00	<b>Simulation Support for Multi-layered Packaging Material Through Advanced Material Characterization Techniques, Optimization and User Defined Element</b> Shafiqul Islam, BTH	Room 201
11:00 – 11:25	<b>Design of Automobile Plastic Parts Based on Reverse Engineering and Optimize Analysis molding technologies</b> Chu Zhong, SIT	Room 201
11:25 – 11:50	<b>Study On The Ring Nugget Formation And Performance In Sheet-To-Tube Single Sided Spot Welding</b> Cai Ping Liang, SSPU	Room 201
11:50 – 12:15	<b>An Experience Sharing as Supervisor to Industry PhD Students</b> Sharon Kao-Walter, BTH	Room 201
12:15 – 13:30	<b>LUNCH</b>	1 <sup>st</sup> floor

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13:30 – 18:00

**Visiting Volvo Cars and YESUN Mould Co Ltd.**

(SSPU meeting adjourned)

Bus starts  
outside of  
building 19

**April 12, 2018 Travel day to Kunming**