

Beihang-ENSAM Workshop
Advanced Production and Manufacturing in the Digital Age

数字化时代的先进生产与制造

March 20-21 2018, Beihang University, China

Tuesday morning, March 20, 2018

TIME	ACTIVITY	VENUE
09:30-10:30	Meeting with Prof. HUANG Haijun, Vice President - Welcome & review of 30 years relation - Presentation of ENSAM & Beihang University - Discussion on mutual collaboration	Meeting Room 4 Conference Center New Main Building
10:40-11:50	Laboratory Visit	G729 New Main Building
12:00-13:00	Lunch	
PARTICIPANTS		
ENSAM (Ecole Nationale Supérieure d'Arts et Métiers)		
Prof. Ivan IORDANOFF, Vice-president (Research and Innovation), Research area: Mechanics Prof. Fodil MERAGHNI, Head of Graduate School & Doctoral Studies, Research area: Materials and process Ms. Audrey STEWART, Director for International and European Development Prof. Fakhreddine ABABSA, Research area: Virtual reality and CAD medialization Prof. Nazih MECHBAL, Research area: Robotics and Smart system Prof. José OUTEIRO, Research area: Manufacturing and process Prof. Ali SIADAT, Research area: industrial engineering and ENSAM scientific advisor for China Mr. Yvon VELOT, ENSAM Representative in China		
French Embassy & Company		
Mr. Julien BONNET, Economic Counsellor, French Embassy Mr. Xavier BRESSAUD, Scientific Attaché, French Embassy Ms. Vidy XU, Director of Public Affairs, Schneider Electric Ms. LIN Shuo, Public Affairs Manager, Air Liquide Ms. DING Xiaonan, Government Affairs Specialist, Air Liquide		
Beihang University		
Prof. HUANG Haijun (黄海军): Vice President (Academic and International) Prof. LI Deyu (李德玉): Associate President International, Director of International Division Prof. LIU Tiegang (刘铁钢): Director, Graduate School (TBD) Prof. CAI Jun (蔡军): Deputy Dean, School of Mechanical Engineering and Automation Prof. Qiao Lihong (乔立红): School of Mechanical Engineering and Automation Ms. LU Ying (吕莹): Deputy Director, International Division Ms. NIU Miaozhuo (牛妙卓): Program Manager, International Division		

Tuesday afternoon, March 20, 2018

TIME	KEYNOTE PRESENTATIONS A849, New Main Building	SPEAKER
14:00~14:25	Keynote 1: 3D tracking for Augmented Reality and Human Behavior analysis	Fakhredine ABABSA (Professor)
14:25~14:50	Keynote 2: Wearable Augmented Reality Enabling Manual Assembly Process Verification	Lianyu ZHENG (Head, Dept of Industrial & Manufacturing Systems Engineering; Professor)
14:50~15:15	Keynote 3: Structural Health Monitoring of Composite Aeronautical Structures: Contributions to reduce the gap between laboratory research and in service deployment	Nazih MECHEBAL (Associate Professor)
15:15~15:40	Keynote 4: Research on Ultrasonic Array Testing and Its Application in Additive Manufacturing Structure	Zhenggan ZHOU (Deputy Dean, School of Mechanical Engineering and Automation; Professor)
15:40~16:00	Coffee Break	
16:00~16:25	Keynote 5: Advanced Manufacturing Processes in the Industry 4.0	José OUTEIRO (Associate Professor)
16:25~16:50	Keynote 6: STEP-compliant CAD/CNC systems for feature-oriented machining	Wenlei XIAO (Associate Professor; Aeronautic manufacturing engineering)
16:50~17:50	Meeting with master students of Beihang to present ENSAM double degree and PhD program	
18:00~19:00	Dinner	

Wednesday, March 21, 2018

TIME	KEYNOTE PRESENTATIONS A849, New Main Building	SPEAKER
08:00~08:45	Keynote 1: Discrete Element Model : a tool to investigate complex behavior of mechanical dynamic systems (as researcher and Professor)	Ivan IORDANOFF (Vice-president Research and Innovation of ENSAM; Professor)
08:45~09:10	Keynote 2: General presentation of SMEA	Jun CAI (Deputy Dean, School of Mechanical Engineering and Automation; Professor)
09:10~09:35	Keynote 3: Microstructure based thermo-mechanical modeling for advanced structural performance prediction and design: Accelerating Materials Development for Smart and Customized Products	Fodil MERAGHNI (Head of graduate school and doctoral studies; Professor)
09:35~10:00	Keynote 4: Innovative forming processes and its intelligent optimization technologies	Lihui Lang (Professor; Aeronautic manufacturing engineering)
10:00~10:20	Coffee Break	
10:20~10:45	Keynote 5: Production system design and optimization with Human factors consideration	Ali SIADAT (ENSAM scientific advisor for China; Professor)
10:45~11:10	Keynote 6: Simulation of CAE Research on Manufacturing process	Qiong WU (Associate Professor; Mechanical design and automation)
11:10~12:10	Round-table discussion : Industry of the future and Made in China 2025	
12:30~13:30	Lunch	
14:00~15:30	Visit of labs and departments	
15:30~15:50	Coffee Break	
15:50~17:00	Final meeting: Future collaborations	
17:00~19:00	Dinner	