



SMN2019

The 7th International Conference on Smart Materials and
Nanotechnology in Engineering

ORGANIZERS



哈爾濱工業大學
HARBIN INSTITUTE OF TECHNOLOGY

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Composites in Special Environments

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Asia Pacific Committee of Smart and Nano Materials
Committee of Smart Composite Materials, Chinese Society for Composite Materials

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20-23 September 2019

MONDAY 23 SEPTEMBER

Time Slot	ROOM 1 (BALLROOM 1)	ROOM 2 (BALLROOM 2)	ROOM 3 (BALLROOM 3)	ROOM 4 (BEIJING ROOM)	ROOM 5 (SHANGHAI ROOM)	ROOM 6 (WUHAN ROOM)
16:20-16:40	<p>3301-4 ULTRASONIC DE-ICING METHOD BASED ON RESONANCE AND IMPEDANCE MATCHING <i>Bo Miao, Mingxin Bao, Chunling Zhu</i>(Nanjing University of Aeronautics and Astronautics)</p>	<p>3302-4 THEORETICAL MODELLING OF THE TRANSIENT BEHAVIOR OF ULTRATHIN LONG-LIVED BIOFLUID BARRIERS FOR FLEXIBLE ELECTRONIC IMPLANTS <i>Li Rui</i>(Dalian University of Technology)</p>	3303-4	3304-4	3305-4	<p>3306-4 A MAN-PORTABLE MAGNETOELECTRIC DC MAGNETIC SENSOR WITH EXTREMELY HIGH SENSITIVITY <i>Ying Shen, Junqi Gao</i>(Harbin Engineering University)</p>
16:40-17:00	<p>3301-5 AN ULTRA LARGE ASPECT RATIO WING BASED ON MORPHING STRUCTURE <i>Lei Zhou</i>(Beijing Aeronautical Science & Technology Research Institute)</p>	<p>3302-5 FATIGUE OF HYDROGELS AND THE DESIGN OF FATIGUE-RESISTANT MATERIALS BY 3D PRINTING <i>Jingda Tang</i>(Xi'an Jiaotong University)</p>	3303-5	3304-5	3305-5	<p>3306-5 ULTRASONIC IMAGING OF MULTIPLE MATERIALS COMPONENTS FABRICATED WITH ADDITIVE MANUFACTURING USING ELASTIC REVERSE TIME MIGRATION <i>Jing Rao</i>¹, <i>Zheng Fan</i>², <i>Ernst Rank</i>^{1,3}(1. Technical University of Munich, 2. Nanyang Technological University, 3. Technical University of Munich, Lichtenbergstr)</p>