

智能材料与结构力学研讨会
The Workshop on
Mechanics of Smart Materials and Structures

程序册
Workshop Program

2018 年 08 月 22 日-24 日

August 22nd-24th, 2018

中国 南京

Nanjing, China

南京航空航天大学

Nanjing University of Aeronautics and Astronautics

日程/PROGRAM

2018 年 08 月 22 日/August 22 nd , 2018		
17:00-20:00	报到、注册 Registration	御苑宾馆 Yuyuan Hotel
18:00	招待会 Reception	
2018 年 08 月 23 日/August 23 rd , 2018		
08:00-08:20	开幕式 Opening Ceremony	
08:20-10:20	报告 Presentations	
10:20-10:40	茶歇 Tea Break	
10:40-12:00	报告 Presentations	
12:00-13:00	午餐 Lunch	
14:00-16:00	报告 Presentations	
16:00-16:20	茶歇 Tea Break	
16:20-18:00	报告 Presentations	
18:30	晚宴 Banquet	
2018 年 08 月 24 日/August 24 th , 2018		
09:00-10:00	报告 Presentations	
10:20-10:40	茶歇 Tea Break	
10:40-12:00	报告 Presentations	
12:00-13:00	午餐 Lunch	
14:00-17:00	讨论和参观实验室 Discussions & Lab tour	

08 月 23 日 星期四/August 23rd Thursday

议程/Workshop Program				
08:00-08:20	开幕式/Opening Ceremony 合影/Group Photo		主持/Host Cun-fa GAO	
报告安排/ Presentations Venue: A9-506				
Time	题目/Title	报告人/Speaker	单位/Affiliation	主席/Chairman
08:20-09:00	I-1: Buckling and wave propagation in functionally graded dielectric elastomeric hollow cylinders	Weiqiu CHEN	Zhejiang University	Jie WANG
09:00-09:40	I-2: PFM study of near surface switching processes in bulk ferroelectrics	John HUBER	Oxford University	
09:40-10:20	I-3: Prediction of coupling coefficients in multiferroic composites	Andreas RICOEUR	University of Kassel	
10:20-10:40	茶歇 Tea Break			
10:40-11:20	I-4: An isogeometric approach to flexoelectric effect in ferroelectric materials	Jie WANG	Zhejiang University	John HUBER
11:20-12:00	I-5: Phenomenological analysis of multicaloric effects in ferroelectric thin films	Gang BAI	Nanjing University of Posts and Telecommunications	
12:00-13:00	午餐 Lunch （御苑宾馆/Yuyuan Hotel）			

08 月 23 日 星期四/August 23rd Thursday

报告安排/ Presentations Venue: A9-506				
Time	题目/Title	报告人/Speaker	单位/Affiliation	主席/Chairman
14:00-14:40	I-6: Guided waves in functionally graded piezoelectric fan-shaped cylindrical structures	Jiangong YU	Henan Polytechnic University	Andreas RICOEUR
14:40-15:20	I-7: Modeling the constitutive behavior of multiphase ferroelectric and multiferroic materials	Stephan LANGE	University of Kassel	
15:20-16:00	I-8: Exact Solution for Functionally Graded Multilayered One-dimensional Quasicrystal Cylindrical Shells	Yang LI	China Agricultural University	
16:00-16:20	茶歇 Tea Break			
16:20-17:00	I-9: Dynamic Strain Based Scanning Probe Techniques and Its Applications	Jiangyu LI	University of Washington	Yang GAO
17:00-17:20	O-1: Effect of electrode arrangement on large electrocaloric effect in ferroelectric sheet	Cheng HUANG	Changzhou Institute of Technology	
17:20-17:40	O-2: Ferroelectric materials and their thermal properties-from variational formulation to modeling and simulation	Marius WINGEN	University of Kassel	
17:40-18:00	O-3: Crack path prediction under mixed-mode loading in 1D piezoelectric quasicrystals	Zhibin WANG	University of Kassel	
18:30	晚宴 Banquet			

08 月 24 日 星期五/August 24th Friday

报告安排/ Presentations Venue: A9-506				
Time	题目/Title	报告人/Speaker	单位/Affiliation	主持/Chairman
09:00-09:20	O-4: Unavoidable electric current caused by inhomogeneities and its influence on measured material parameters of thermoelectric materials	Haopeng SONG	Nanjing University of Aeronautics and Astronautics	Yan SHI
09:20-09:40	O-5: Assembly of Isolated Three-Dimensional Origami Structures and Their Applications	Yan SHI	Nanjing University of Aeronautics and Astronautics	
09:40-10:00	O-6: Simulations of the Dynamic Fracture for the Piezoelectric Materials Based on A Cohesive Zone Model	Yongjian WANG	Nanjing Agricultural University	
10:00-10:20	O-7: Stress field across an insulation line in thermos-electric material	Kun SONG	Nanjing University of Aeronautics and Astronautics	
10:20-10:40	茶歇 Tea Break			
10:40-11:00	O-8: An improved approach of boundary element to analyze elastic waves in two dimensional structures	Yihui DA	Nanjing University of Aeronautics and Astronautics	Cheng HUANG
11:00-11:20	O-9: Thermal stress analysis in thermoelectric materials with a non-circular hole subjected to uniform electric current and energy flux	Chuanbin YU	Nanjing University of Aeronautics and Astronautics	
11:20-11:40	O-10: Hybrid LaSMP/Flexoelectric Dynamic Isolators Design and Evaluation	Xiaoxu ZHANG	Nanjing University of Aeronautics and Astronautics	
11:40-12:00	O-11: Modified BEM Analysis for Love Guided Wave Scattering Due to A Cavity-like Defect	Chen YANG	Nanjing University of Aeronautics and Astronautics	
12:00-13:00	午餐 Lunch （御苑宾馆/Yuyuan Hotel）			
14:00-17:00	讨论和参观实验室 Discussions & Lab tour			

