## 第一届智能化产品全生命周期设计国际研讨会会议议程

日期	时间	内容	地点	备注
2018年9月17日	9:00-9:30 开幕式	第一届产品全生命周期设计国际研讨会开幕式  1. 西北工业大学副校长 万小朋 教授 致辞  2. 西安设计联合会会长 陆长德 教授 致辞  3. 西北工业大学机电学院副院长 常洪龙 教授 致辞  4. 诺森比亚大学副校长 Jon Reast 教授 致辞	西北工业大学 国际会议中心 第一会议室	
	9:30-9:40	合影	西北工业大学 国际会议中心 门前台阶	
	9:40-11:40 专家报告 (一)	9:40-10:10 QIN Shengfeng 教授 題目: Research Roadmap Towards Smart Product Through-Life Design  10:10-10:40 Lee Grant Barron 博士  题目: Textiles through Time: Heritage, Chinese Fashion Design and the Legacy of the Silk Road  10:40-11:10 Tek Jin Nam 教授  题目: Augmented Design for Smart Things Providing Happiness  11:10-11:40 Pablo Prieto 教授  题目: Designing Smart Products		主持人: 陈登凯 教授 西北工业大学
	11:40-14:30	午餐及休息		
	14:30-15:30 专家报告	14:30-15:00 Ruth Mugge 教授 题目: The Influence of Design For Changing Consumers' Perception And Behaviour Towards Circular Products 15:00-15:30 YU Fei 副教授 题目: Smart Prototyping	西北工业大学 国际会议中心 第一会议室	主持人: 秦圣峰 教授 诺森比亚大学
	15:30-15:45	茶歇		
	15:45-17:30 论文宣讲 (一)	15:45-16:00 DU Chuanming AME 編号: AME-18-1472 題目: Transient Thermal Analysis of Standard Planetary Roller Screw Mechanism Based on Finite Element Method 16:00-16:15 BAI Zhonghang AME 編号: AME-18-1164 題目: Research on Product Innovation Design of Modularization Based on TRIZ and AD 16:15-16:30 WEI Ting AME 編号: AME-18-1549 題目: A Method of Intelligent Product Design Based on Touch Points Correlation Analysis 16:30-16:45 NIU Yafeng		

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		AME 编号:AME-18-0943.R1		
		题目: Investigation on the Neurophysiological Correlates of		
		Similarity Cognition between Digital Interface Color and		
		Layout (poster)		
		16:45-17:00 SHI Changyou	]	
		AME 编号:AME-18-1509		
		题目: Sugarcane Node Identification Based on Structured		
		Learning Model		
		17:00-17:15 CHAI Chunlei	1	
		AME 编号:AME-18-1497		
		题目: A Creative Prototyping Using Text-To-Image Synthesis		
		for Smart Prouduct Design		
		17:15-17:30 Han-Jong Kim		
		AME 编号:AME-18-1468		
		题目: A Prototyping Tool for Kinetic Mechanism Design and		
		Fabrication: Developing and Deploying M.Sketch for STEAM		
		Education		
				秦圣峰教授、
				Tek-Jin Nam
			西北工业大学	*************************************
	20:00-21:00	专刊编委会会议	机电学院工业	へい Pablo Prieto 教
			设计系会议室	Fablo Fileto 教 授、
		li let		陈登凯教授
		9:00-9:30 John Richard Lee 教授		
	9:00-10:00	题目: Communities and communication for smart design		
	专家报告	9:30-10:00 WANG Yahui 博士		
	(三)	题目: AI Driven Industrial Design and Design Decision		
	\_/	Making		
		10:00-10:15 ZHOU Aimin		
		AME 编号:AME-18-1360		
		题目: Multimodal Optimization Design of Product Forms		
		Based on Aesthetic Evaluation and Design Thinking		
		Simulation		
		10:15-10:30 ZHANG Wanyu	1	
2018年		AME 编号:AME-18-1419	西北工业大学	主持人:
2018 +		题目: Visualization Analysis of the Cognitive Characteristics	国际会议中心	苟秉宸 教授
9月18日		of Service Designers Based on Linkography	第二会议室	西北工业大学
	10:00-12:00	10:30-10:45 茶歇		
	论文宣讲	10:45-11:00 SHANG Zhen	-	
	(二)	AME 编号: AME-18-1198		
	( - )	题目: Ontology Based Social LCA Knowledge System		
		Development and Aided Design Method		
		11:00-11:15 WANG Weiwei		
		AME 编号: AME-18-1370		
		题目: The Design Factor Extraction Method and Deformation		
		of Traditional Culture		
		11:15-11:30 ZHOU Yong		
		AME 编号:AME-18-1365		

展刊: Study on An Experimental Test Bench for Aircraft Actuators  11:30-11:45 FENG Qing  AME 第号: AMF-18-1362  景戸: Research on A Framework of Decision Support System Based on Ontology Knowledge  11:43-12:00 Sebin Jung  AME 第号: AMF-18-1565  景旦: Developing a Smart Design Concepts with Assistive Technologies for Elderly Drivers  12:00-14:30 午祭及休息  14:30-14:45 WANG Peng  AME 编号: AMF-18-1421  寮旦: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  AMF 第号: AMF-18-1350 NIU Xiaojing  AMF 第号: AMF-18-1350 NIU Xiaojing  AMF 编号: AMF-18-1351 LI Rong  AME 编号: AMF-18-1351 Big : Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  15:30-15:45 条数  AMF-18-15:30 Findle Power Signals  15:30-15:45 条数  AMF-18-15:30 Findle Power Signals  15:30-16:15 LI Wenjie  AME 编号: AMF-18-15:30 Han Lei  AMF 编号: AMF-18-15:30 LI Rong  AMF 编号: AMF-18-15:30 Han Lei  16:30-16:15 LI Wenjie  AMF 编号: AMF-18-16:30 Yil N Yuanyuan  AMF 编号: AMF-18-1749  谢旦: Research and Design of Intelligent Grip Force  Collector and Service System For The Elderly Qostery  16:15-16:30 Yil N Yuanyuan  AMF 编号: AMF-18-1710  录号: AMF-18-1710  录号: AMF-18-1710  录号: AMF-18-1710  录号: AMF-18-1710  录号: AMF-18-1710  录号: AMF-18-1710  表目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment  16:45-17:00 大会用暴去			To the state of th	1	
用: Research on A Framework of Decision Support System Based on Ontology Knowledge			题目: Study on An Experimental Test Bench for Aircraft		
AME 集号: AME-18-1362			Actuators		
題目: Research on A Framework of Decision Support System Based on Ontology Knowledge 11:45-12:40 Sebin Jung AME 衛号: AME-18-1565 夏目: Developing a Smart Design Concepts with Assistive Technologies for Elderly Drivers  12:00-14:30 午餐及休息  14:30-14:45 WANG Peng AME 衛号: AME-18-1421 夏目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image 14:45-15:00 NIU Xiaojing AME 衛号: AME-18-1356 夏目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform 15:00-15:15 LI Rong AME 衛号: AME-18-1351 夏目: Customization Design Method for Complex Product Systems Based on Meta-Model 「5:315-15:30 HAN Lei AME 衛号: AME-18-1551 夏目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals 14:30-17:00 论文宣讲 (三) AME-18-1553 夏目: Smart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters 16:00-16:15 LI Wenjie AME 衛号: AME-18-1749 夏目: Research and Design of Intelligent Grip Force Collector and Service System for The Elderly (poster) 16:15-16:30 YIN Yuanyuan AME 衛号: AME-18-1418 原目: A Smart Performance Measurement Tool for Collaborative Design in Industry 4.0 16:30-16:45 WANG Shuyi AME 衛号: AME-18-1710 夏目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment					
Based on Ontology Knowledge  11:45-12:00 Sebin Jung  AME 輔导: AME-18-1565  夏目: Developing a Smart Design Concepts with Assistive Technologies for Elderly Drivers  12:00-14:30  午餐及休息  14:30-14:45 WANG Peng  AME 輔导: AME-18-1421  夏目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  14:45-15:00 NIU Xiaojing  AME 编号: AME-18-1336  夏目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong  AME 编号: AME-18-1351  夏目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei  AME 编号: AME-18-1551  夏目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  15:30-15:45 茶歌  15:30-15:45 茶歌  15:45-16:00 WANG Jin  AME 编号: AME-18-1530  夏目: Smart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters  16:00-16:15 LI Wenjie  AME 编号: AME-18-1749  夏目: Research and Design of Intelligent Grip Force Collector and Service System For The Elderly (poster)  16:15-16:30 YIN Yuanyuan  AME 编号: AME-18-1741  夏月: A Smart Performance Measurement Tool for Collaborative Design in Industry 4.0  16:30-16:45 WANG Shuyi  AME 编号: AME-18-1701  夏目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment			AME 编号: AME-18-1362		
和E 競争: AME-18-1565  超目: Developing a Smart Design Concepts with Assistive Technologies for Elderly Drivers  12:00-14:30  年養及休息  14:30-14:45 WANG Peng AME 編号: AME-18-1421 超目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  14:45-15:00 NIU Xiaojing AME 編号: AME-18-1356 超目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong AME 編号: AME-18-1351 超目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei AME 編号: AME-18-1551 カ目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  15:30-15:45 茶敷 15:45-16:00 WANG Jin AME 編号: AME-18-1530 超目: Smart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters  16:00-16:15 LI Wenjie AME 編号: AME-18-1749 超目: Research and Design of Intelligent Grip Force Collector and Service System For The Elderly (poster) 16:15-16:30 YIN Yuanyuan AME 編号: AME-18-1418 カ目: A Smart Performance Measurement Tool for Collaborative Design in Industry 4.0 16:30-16:45 WANG Shuyi AME 織号: AME-18-1701  利目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment			题目: Research on A Framework of Decision Support System		
AME 编号: AME-18-1565 题目: Developing a Smart Design Concepts with Assistive Technologies for Elderly Drivers  12:00-14:30  午餐及休息  14:30-14:45 WANG Peng AME 编号: AME-18-1421 题目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  14:45-15:00 NIU Xiaojing AME 编号: AME-18-1356 题目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LJ Rong AME 编号: AME-18-1351 题目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei AME 编号: AME-18-1351 题目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  14:30-17:00 论文宣讲  (三)  14:30-17:00 论文宣讲 (三)  14:30-17:00 20 21:30-15:45 茶敬 20 22:45-16:00 WANG Jin AME 编号: AME-18-1530 23:51-16:00 WANG Jin AME 编号: AME-18-1530 24:51-16:00 WANG Jin AME 编号: AME-18-130 25:51-16:00 WANG Jin AME 编号: AME-18-130 26:51-16:10 Wanjie AME 编号: AME-18-130 27:51-16:30 YIN Yuanyuan AME 编号: AME-18-1418 28:51-16:00 WANG Shuyi AME 编号: AME-18-1701 28:51-16:00 WANG Shuyi AME age: AME-18-1701 29:51-16:00 WANG Shuyi AME age: AME-18-1701 20:51-51-51-51-51-51-51-51-51-51-51-51-51-5			Based on Ontology Knowledge		
題目: Developing a Smart Design Concepts with Assistive Technologies for Elderly Drivers  12:00-14:30 年後及休息  AME 編号: AME-18-1421 題目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  14:45-15:00 NIU Xiaojing  AME 編号: AME-18-1316  題目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong  AME 編号: AME-18-1351 題目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei  AME 編号: AME-18-1511 題目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  14:30-17:00 記号: Swart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters  16:00-16:15 LI Wenjie  AME 編号: AME-18-1749  題目: Research and Design of Intelligent Grip Force Collector and Service System For The Elderly (poster)  16:15-16:30 YIN Yuanyuan  AME 編号: AME-18-1701 題目: A Smart Performance Measurement Tool for Collaborative Design in Industry 4.0  16:30-16-45 WANG Shuyi AME 編号: AME-18-1701 題目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment			11:45-12:00 Sebin Jung		
Technologies for Elderly Drivers  12:00-14:30  午餐及休息  14:30-14:45 WANG Peng AME 编号: AME-18-1421 夏目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansel Image  14:45-15:00 NIU Xiaojing AME 编号: AME-18-1356 夏目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong AME 编号: AME-18-1351 夏目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15-30 HAN Lei AME 编号: AME-18-1551 夏目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  15:30-15:45 茶歇  论文宣讲 (三)  14:30-17:00  14:30-17:00  15:30-15:45 茶歇  YU Fei 副教授			AME 编号:AME-18-1565		
14:30-14:30   午餐及休息			题目: Developing a Smart Design Concepts with Assistive		
14:30-14:45 WANG Peng AME 攜等: AME-18-1421  舞目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  14:45-15:00 NIU Xiaojing AME 編号: AME-18-1356  퓇目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong AME 編号: AME-18-1351  퓇目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei AME 攜号: AME-18-1551  戴目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  15:30-15:45 茶歌  15:43-16:00 WANG Jin AME 編号: AME-18-1530  基目: Smart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters  16:00-16:15 LI Wenjie AME 編号: AME-18-1749  퓇目: Research and Design of Intelligent Grip Force Collector and Service System For The Elderly (poster)  16:15-16:30 YIN Yuanyuan AME 編号: AME-18-141  퓇目: Ramart Performance Measurement Tool for Collaborative Design in Industry 4.0  16:30-16:45 WANG Shuyi AME 編号: AME-18-1701  퓇目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment			Technologies for Elderly Drivers		
AME 编号: AME-18-1421 夏目: Study on Intelligent Product Family Design System with User-Oriented Participation Based on Generalization Kansei Image  14:45-15:00 NIU Xiaojing AME 编号: AME-18-1356 夏目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong AME 编号: AME-18-1351 夏目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei AME 编号: AME-18-1551 夏目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  14:30-17:00 论文宣讲 (三)  15:30-15:45 茶歌 15:45-16:00 WANG Jin AME 编号: AME-18-1530 夏目: Smart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters  16:00-16:15 LI Wenjie AME 编号: AME-18-1749 夏目: Research and Design of Intelligent Grip Force Collector and Service System For The Elderly (poster)  16:15-16:30 YIN Yuanyuan AME 编号: AME-18-1418 夏目: A Smart Performance Measurement Tool for Collaborative Design in Industry 4.0  16:30-16:45 WANG Shuyi AME 编号: AME-18-1701 夏目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment		12:00-14:30	午餐及休息		
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AME 编号: AME-18-1356  夏目: Product Design Quality Control and Assurance and Their Challenges over a Crowdsourcing-Based Collaborative Platform  15:00-15:15 LI Rong  AME 编号: AME-18-1351  夏目: Customization Design Method for Complex Product Systems Based on Meta-Model  15:15-15:30 HAN Lei  AME 编号: AME-18-1551  夏目: Estimation of the Tool Equivalent Remaining Useful Life in NC Machining Based on Spindle Power Signals  15:43-16:00 WANG Jin  AME 编号: AME-18-1530  夏目: Smart Service Design Based on Product Lifecycle: A Case of the Maintenance and Service System of Sugarcane Harvesters  16:00-16:15 LI Wenjie  AME 编号: AME-18-1749  夏目: Research and Design of Intelligent Grip Force Collector and Service System For The Elderly (poster)  16:15-16:30 YIN Yuanyuan  AME 编号: AME-18-1418  夏目: A Smart Performance Measurement Tool for Collaborative Design in Industry 4.0  16:30-16:45 WANG Shuyi  AME 编号: AME-18-1701  夏目: Guiding Eco-Friendly Raised Flooring Product Innovation Through Life Cycle Assessment			Kansei Image		
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## 大会特邀报告专家信息

QIN Shengfeng	Professor of Design, Academic Lead of Disign Innovation Labotoraycoordinator
	of Academic Lead of Design Innovation Lab
Lee Grant Barron	Director for International Recruitment and Development
Tek Jin Nam	Professor and the Head of Industrial Design department at KAIST. the Deputy
	Editor-In-Chief of Archives of Design Research Journal, and an Executive Board
	Member of IASDR (International Association of Societies of Design Research)
Pablo Prieto	Head of the Engineering Design Department at Universidad Técnica Santa Mar á
	(UTFSM) and Associated Researcher in the Robotics Area in the Advanced Center
	for Electrical and Electronic Engineering (AC3E) in Chile
Ruth Mugge	Professor of Design for Sustainable Consumer Research and Head of the
	Department of Product Innovation Management at the Faculty of Industrial Design
	Engineering of Delft University of Technology, the Netherlands
YU Fei	Professor of Digital Media at the University of Edinburgh, UK. Associate Professor
	on Prototyping at SDU Technology Entrepreneurship and Innovation, the Mads
	Clausen Institute
John Richard Lee	Deputy Director of the Human Communication Research Centre in the School of
	Informatics
WANG Yahui	Researcher of Department of Industrial Design at Northwestern Polytechnical
	University. His current research interests include AI driven industrial design,
	human factors of intelligent vehicle and human-machine interaction.