

Second International Symposium on Smart Product Through-Life Design 2021 Program

Zoom Conference Link:

<https://us06web.zoom.us/j/86230768965?pwd=c3YxOU9yemRjMFRTaVVXS01ET2twZz09>

Meeting ID: 862 3076 8965 Passcode: 705888

Program for Day 1—Aug 31, 2021 (all times are UK Summertime)

Session 1: Opening and Welcome (Chaired by Prof Steven Kyffin)

- | | |
|---|------------------------|
| 1. Registration on Zooms | Time: 9.00-9.10 |
| Prof Shengfeng Qin, Northumbria University | |
| 2. Opening and welcome speech (Host) | Time:9.10-9.20 |
| Prof Steven Kyffin, Pro Vice-Chancellor of Northumbria University | |
| 3. Welcome speech (Co-Host) | Time:9.20-9.30 |
| Prof Zhu Jihong, Dean of Faculty of Mechanical Engineering, Northwestern Polytechnical University | |

Session 2: Invited Keynote: Time: 9.30-10.30

Chaired by Prof Steven Kyffin

Title: **Aesthetics of Intelligence**

Speaker: Prof. dr. Stephan Wensveen, Eindhoven University of Technology.

Tea Break Time: 10.30-10.45

Session 3: Paper presentation

Chair: Dr Jianjie Chu

Time: 10.45-12.50

| Paper ID | Authors | Paper titles | Times |
|------------|--|---|--------------------|
| 68 | Zheng, Qing*; Ding, Guofu; Li, Rong; zhang, haizhu Southwest Jiaotong Uni. | User Behaviors, Roles, and Contributions in Product Co-Innovation Community | 10.45-11.10 |
| 95 | Beg, Mustehsan; Yu, Hongnian* Edinburgh Napier Uni. | Processing and characterisation of water hyacinth cellulose nanofibres-based aluminium-ion battery separators | 11.10-11.35 |
| 119 | Barron, Lee Northumbria Uni. | The Road to a Smarter Future: The Smart City, Connected Cars and Autonomous Mobility | 11.35-12.00 |
| 120 | Du, Hemin; Jiang, Junjie* Shenzhen Uni Technology & Uni. Of Macau | Research on Intelligent Product Design based on Cognitive Thinking and Visual Thinking | 12.00-12.25 |
| 144 | Zhu, Ziwen*; Qin, Shengfeng Northumbria Uni. | A Literature review on Design for Emotion | 12.25-12.50 |

Program for Day 2---Sep 1, 2021

Session 4: Paper presentation

Chair: Prof Dengkai Chen

Time: 9.00-10.40

| Paper ID | Authors | Paper titles | Times |
|----------|--|--|-------------|
| 148 | Xia, Jinjun*; Fan, Miaomiao; Zhang, Yumeng Chongqing Uni. | Based on Visual Cognition Characteristic of Helmetmounted Displays a Summary of the Interface Design | 9.00-9.25 |
| 149 | Wang, Jinguang; Tang, Mincong* Guangdong Uni. of Technology | Research on the Design of Intelligent Eco-friendly Cosmetics based on Extension Innovation Method | 9.25-9.50 |
| 151 | Wang, Shuyi*; Su, Daizhong Nottingham Trent Uni. | Life Cycle Assessment Based Method for Sustainable Consumption and Product Service with A Domestic Lighting Product Case Study | 9.50-10.15 |
| 152 | Wang, jinguang; Zeng, Xianghui*; Tang, Mincong Guangdong Uni. of Tech. | Research on the design of smart cosmetic based on user experience | 10.15-10.40 |

Tea Break:

Time: 10.40-10.55

Session 5: Paper presentation

Chair: Prof Richard Fu

Time: 10.55-12.35

| Paper ID | Authors | Paper titles | Times |
|----------|---|--|-------------|
| 154 | Zhao, Wenyi; Ma, Ye; Liu, Yunguo* Chongqing Uni. | Study on the Design of Intelligent Mask based on Blood oxygen Detection Technology | 10.55-11.20 |
| 156 | WANG, SHAN* Southampton Uni. | Investigation of older people's needs at home to inspire inclusive home design with smart products and services | 11.20-11.45 |
| 157 | Peng, Wenjie*; Su, Daizhong Nottingham Trent Uni. | Application of LED Lighting in Ultraviolet Curing with Circular Economy Benefits | 11.45-12.10 |
| 162 | Yin, Yuanyuan* Southampton Uni. | An Exploration Study of Smart Retail Service Design for Older Customers in the UK | 12.10-12.35 |

Session 6: Global Design Studio Network and Closing

Chair: Prof Sheng-feng Qin

Time: 12.35-13.00

-Dr Heather Robson, Head of Design School, Northumbria University

-Prof Hui Yu, Portsmouth University, ICAC'21 Conference Chair—Closing the Symposium