Embroidering the Next Mobility

Exploring the Integration of Smart Textile and Intangible Culture Heritage in Next Mobility of Aston Martin
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Hosted by: Aston Martin Creative Lab x Tongji University

Project Information (EN)

Ingenious Skin: natural interaction design in smart cockpit base on smart textile

Ingenious skin may invite the audience to experience a natural gesture interaction in the vehicle by swiping the embroidery pattern located on the cockpit door as a volume slider. We embroidered the conductive threads and normal yarns on Alcantara, and the unique texture and patterns were inspired by traditional Chinese embroidery and painting. Chen Maoshuo, Wei Yiming, Zeng Yuan, Jiao Xiaohan

Blooming: a textile interface for displaying the status of smart cockpit layouts on seat belt

Blooming is a textile interface for displaying the status of smart cockpit layouts on seat belts in real-time. Considering the various layouts in the future cockpit we proposed a thermochromic textile display as the indication of seat status. Sun Yuan, He Yuxi, Guo Xuejing, Mao Yuxi

Sobric: life-like interactive smart cockpit based on smart fabric

Ling aims at the aesthetic experience and it's an interactive installation that the audience may experience the change of lighting and ambient sound effects while interacting with the installation. Tan Chengchao, Li Rui, Cheng Yuqi

Projectinformatie (NL)

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Image List

Filename	Caption	Credit
wechatimg14_1631328901.jpeg	Life-like interactive smart cockpit	Tongji University
blooming-a-textile-interface-for-displaying-the-status-of-smart-cockpit-lay-outs-on-seat-belts_1630676486.jpg	A textile interface of smart cockpit seat belt	Tongji University
1920_1630677536.jpg	Natural interaction design of smart textile	Tongji University
cc-3586_1630677952.jpg	Aston Martin Creative Lab x Tongji University	Tongji University
wechatimg195_1630678832.jpeg	Integrate with intangible cultural heritage	

The images above are included in the ZIP under `/images`.