

2021 FourC Challenge 24Hour Design Charrette Contest

FourC - **Create Connect Communicate Collaborate**

The Challenge was initiated by Shanghai Jiao Tong Design School in 2020 under the condition of Covid-19 quarantine. With the theme of “**ReConnect**”, schools are encouraged to unite and interact in the form of 24 hours design charrette. More than 200 design students from 52 universities around the world participated, including Harvard University, Northwestern University, Rochester Institute of Technology, National University of Singapore, University of Sydney, University of Melbourne, Tsinghua University, Zhejiang University, etc.. It was a success as all participants enjoyed the time and gave high comments. Fifty medias including People’s Daily, Xinhua News Agency, etc. report the event.

The theme of 2021 is “**ReVive**”, as revive for rehabilitation and regeneration. In the post-pandemic era, how can we use the power of design to protect health? Other than creating more enjoyment for material consumption, design should also carry missions given by the times: healing wounds, awakening hope, rebuilding communication, reshaping the harmonious relationship between people and the environment, as well as sustainable development. We hope that the participants will hold human-centered mind, trying to do something meaningful during the time. Let the design heal people’s scars, embrace empathy and respect, and most importantly, actively face challenges of new lifestyles in post-pandemic time, use the innovative power of design to promote the rehabilitation and resilience of human society.



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY



设计学院
SCHOOL OF DESIGN
ARCHITECTURE 建筑 / DESIGN 设计
LANDSCAPE ARCHITECTURE 风景园林



Four C
Challenge

FourC Challenge

24-hour Charrette Conte

2020 ReConnect

"ReConnect"

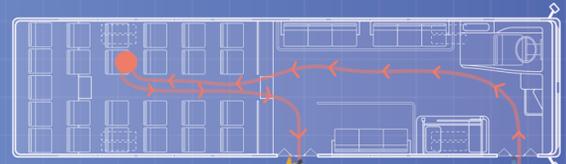
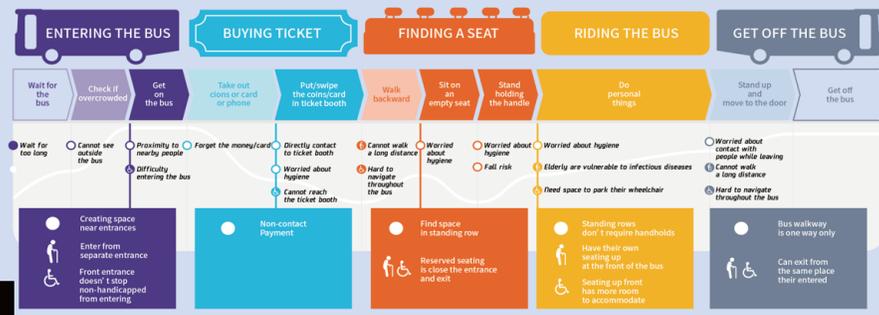
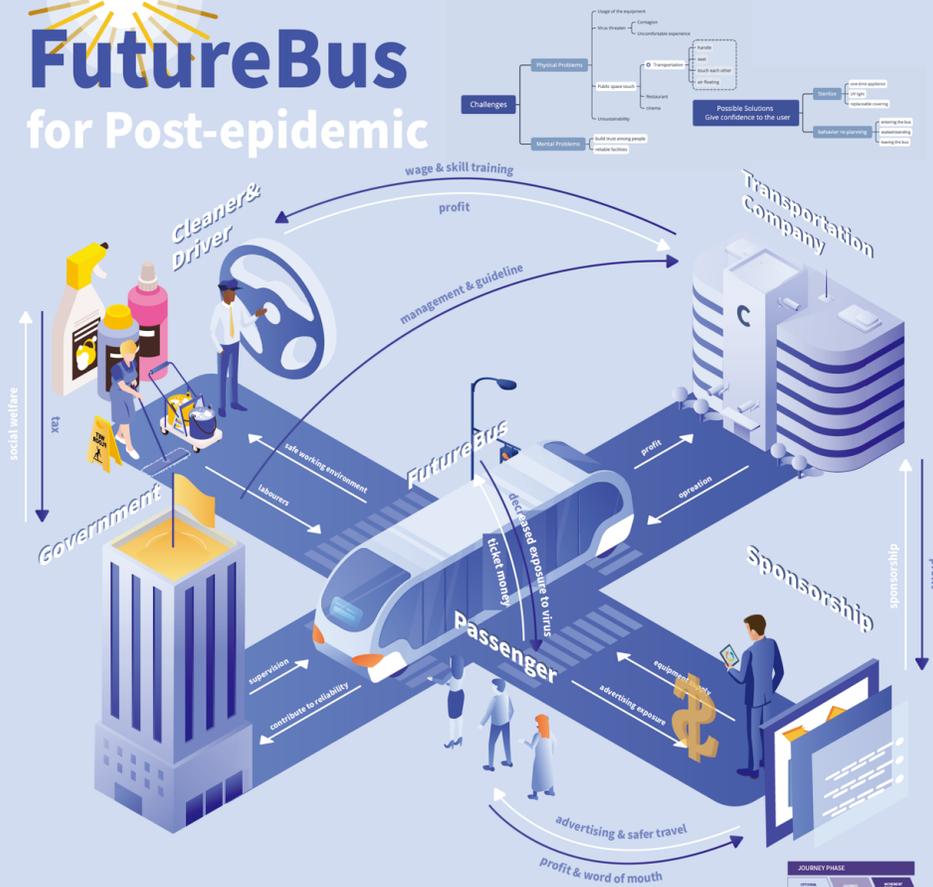
to regain connections disrupted by the outbreak
using design to rebuild people's confidence

/ Guidance: China Industrial Design Association

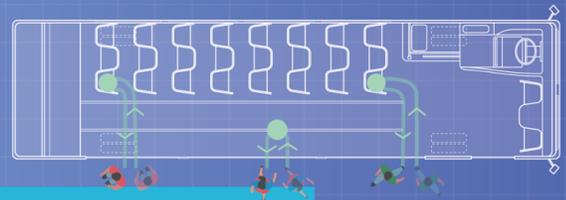
/ Sponsor: Shanghai Jiao Tong University



FutureBus for Post-epidemic



- FORMER CIRCULATION**
- High Risk of Virus Exposure
 - Inefficient Exit Strategy
 - Rear of Bus is Too Dense



- CONTACTLESS CIRCULATION**
- Shortest Walk in the Bus
 - Minimize Infection Risk

CONTACTLESS CIRCULATION

The handle is sterilized by the UV light after each usage. This is so that the handle is cleaned for subsequent users.



SELF-STERILIZED HANDLE



SITTING SPACE REDESIGN



FutureBus for Post-epidemic

Inspired by dandelions, we imagine passengers as the seeds, trying to figure out how it opens and freely distributes. And then we counted the potential risks that a passenger may be exposed to during the whole process from getting on to getting off the bus through touch or mutual distance, and thus found several key issues that can be improved.

/ Form

- The competition will be held completely online, encouraging interdisciplinary teams to participate. The organizer will invite well-known universities to participate, and the participants will be mixed into groups of 5 by different backgrounds and universities to facilitate the collision of ideas. The grouping will be announced on the day of the competition.
- On the day of the contest, the organizers announced the competition propositions. The competition will be held in a Make-a-thon format. Each team will design around the theme within 24 hours. The process will be broadcasting live. The equipment (computer and program software, etc.) and prototype materials required for the competition should be prepared by the contestants.
- By demonstrating videos and online review, the jury panels will evaluate the work based on the creativity of the work, the completeness of the work, the rationality of the technology and the application prospects of the work.
- The final results will be a 3-minute demonstration video (video format is MP4, AVI, MOV, etc.) to demonstrate the design concept.
- Undergraduates and postgraduates are both welcome. Participants are mainly recruited by school invitation. Each school could have 10 students and a teacher to join. Teachers can choose to act as guiding teacher or judge. * Individuals not in listed schools are encouraged to sign up, but will be screened.
- The number of participants is expected to exceed 200.

/ Important Time (Beijing Time) :

- Registration time: April 5th-May 14th
- Online Trial test: May 22-23
- Contest Day : May 29-30
 - Opening Ceremony +keynotes: May 29th 8:30
 - Contest start: 10:00
 - Submit the results: May 30th 10:00
 - Jury review: 10:00-14:00
- Closing ceremony: June 6 (tentative)
- Panel Discussion: June 6th 10:00-11:30
- Award Ceremony: 11:30

/ Awards :

The jury panel will score the works according to the judging rules, the top three and winning teams will be selected according to the scores:

(1) Special prize (1 group)-works published on official websites, social networks and cooperative media + bonus (50,000 RMB/group) + competition trophy and certificate;

(2) First prize (2 groups)-works published on official websites, social networks and cooperative media + bonus (15,000 RMB/group) + competition trophy and certificate;

(3) Second prize (3 groups)-works published on official websites, social networks and cooperative media + bonus (6000 RMB/group) + competition trophy and certificate;

(4) Excellence Award (5 groups)-works published on websites, social networks and cooperative media + competition certificate.

*All competition works have the opportunity to receive tutoring from outstanding industry representatives, Design Shanghai display of award-winning works, and IP incubation and promotion on the corresponding platform.

/ Closing Ceremony

In Cooperate with Design Shanghai 2021

Offline Location: Shanghai World Expo Exhibition Hall, which can accommodate 150 spectators

Online live broadcasting

June 6

10:00-11:30 Panel Discussion

Themed on "Humanity in the Technological World" and "ReVive"

Moderator: Ruan Xin

It is planned to invite 4-5 distinguished guests of design school deans. Each dean will give a lecture for 10 minutes (40-50 minutes), followed by a round table discussion (30-40 minutes)

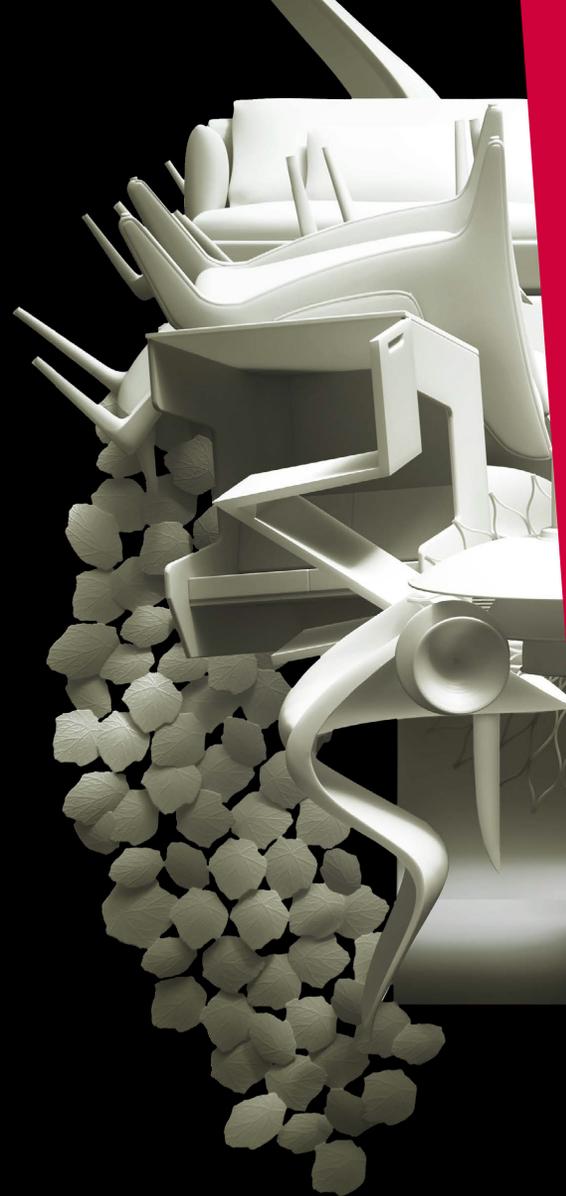
11:30-12:00 Award ceremony

All awarded works will be played in Design Shanghai from June 3-6th.

2021Theme : **Break the Boundary**

Design Shanghai is the largest and highest quality international design event in Asia. As Asia's leading international design event, "Design Shanghai" continues to break new ground and set a benchmark for the booming design market in Asia.

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SHANGHAI
设计上海



2021

2021年6月3-6日
上海世博展览馆

Design Shanghai