

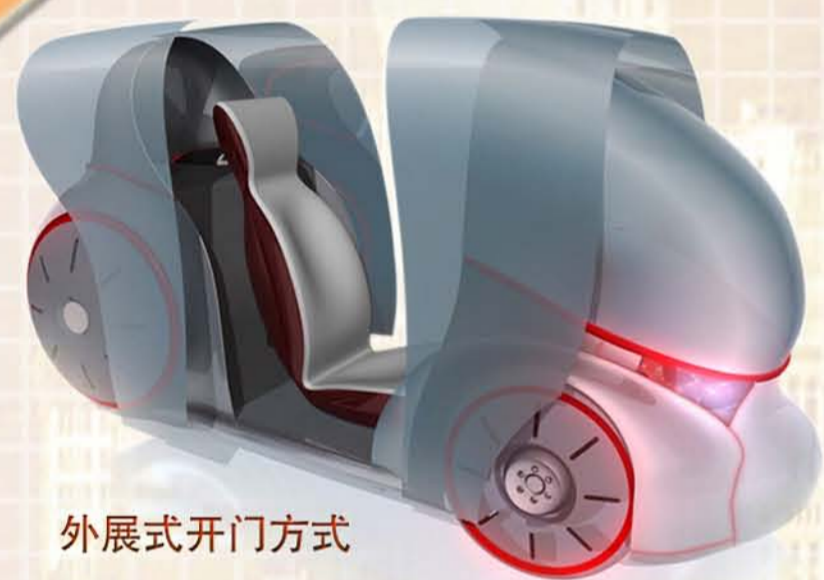
CAR CONCEPT DESIGN

DESIGNED FOR ELECTRICITY CAR



“联通新势力”全国大学生汽车设计大赛

中国智·梦想车



外展式开门方式

单人车

单人车设计可减小车体,减小车辆占地面积,提高通过性.没有空驶率问题,更加有效的利用路面.灵活,轻便的满足个人的交通需要,停车方便,机动性强适于城市交中通中的个人交通

共享交通

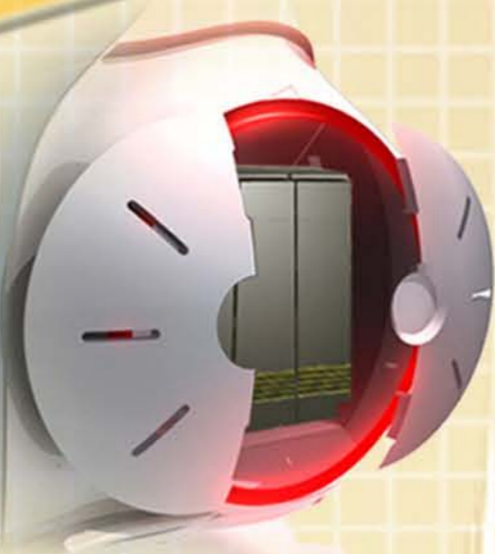
“众通”需要在共享交通的系统下运行.使用者需要将车辆从一个租车站开到另一个租车站.它将取代一部分私家车和出租车,利用被取代的车辆停车位设立丰富的租车站.通过大,小租车站的配合解决大城市交通问题

新型能源

汽车的电力能源和线串操控技术将成为未来汽车的发展方向.当前,电力能源非常适合小型车的应用.没有发动机的新型汽车结构使“众通”体积更小,更轻便.



自由调节,可变色的控制台

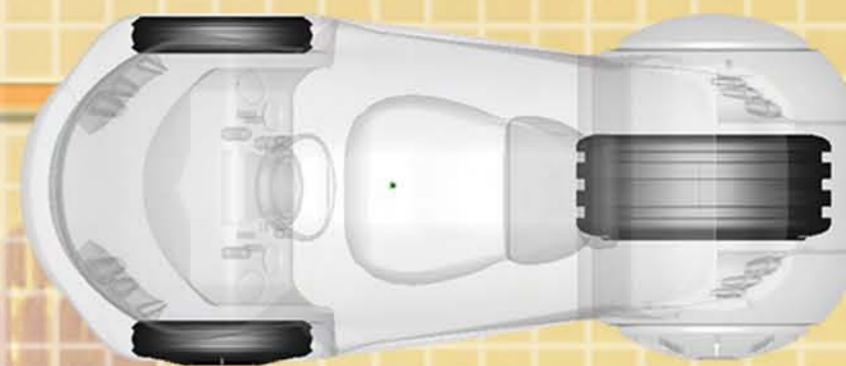
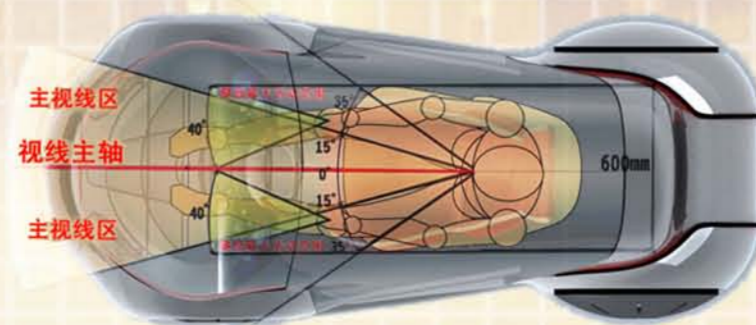
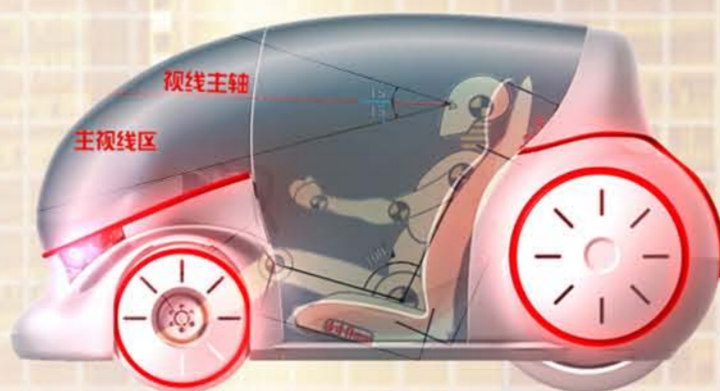


后轮箱内存放电池

座椅和方向盘可充分调节

采用圆润造型

圆润适合单人车的体量,小比例的车体需要更稳定,更安全的感觉得大面积的曲面配合发光曲线体现了现代产品视觉特征像海豚一样的自然流线风格,具有很强的亲和力适合城市小区的风貌 具有温馨,时尚的风格圆形顶部适合车顶与车门融合的结构



前面两个辅轮 后面一个主轮



众通 ZONE

便捷大众 城市畅通



北京主线租用站示意图(地铁部分)
Beijing sharing car main station distributing
(by subway)



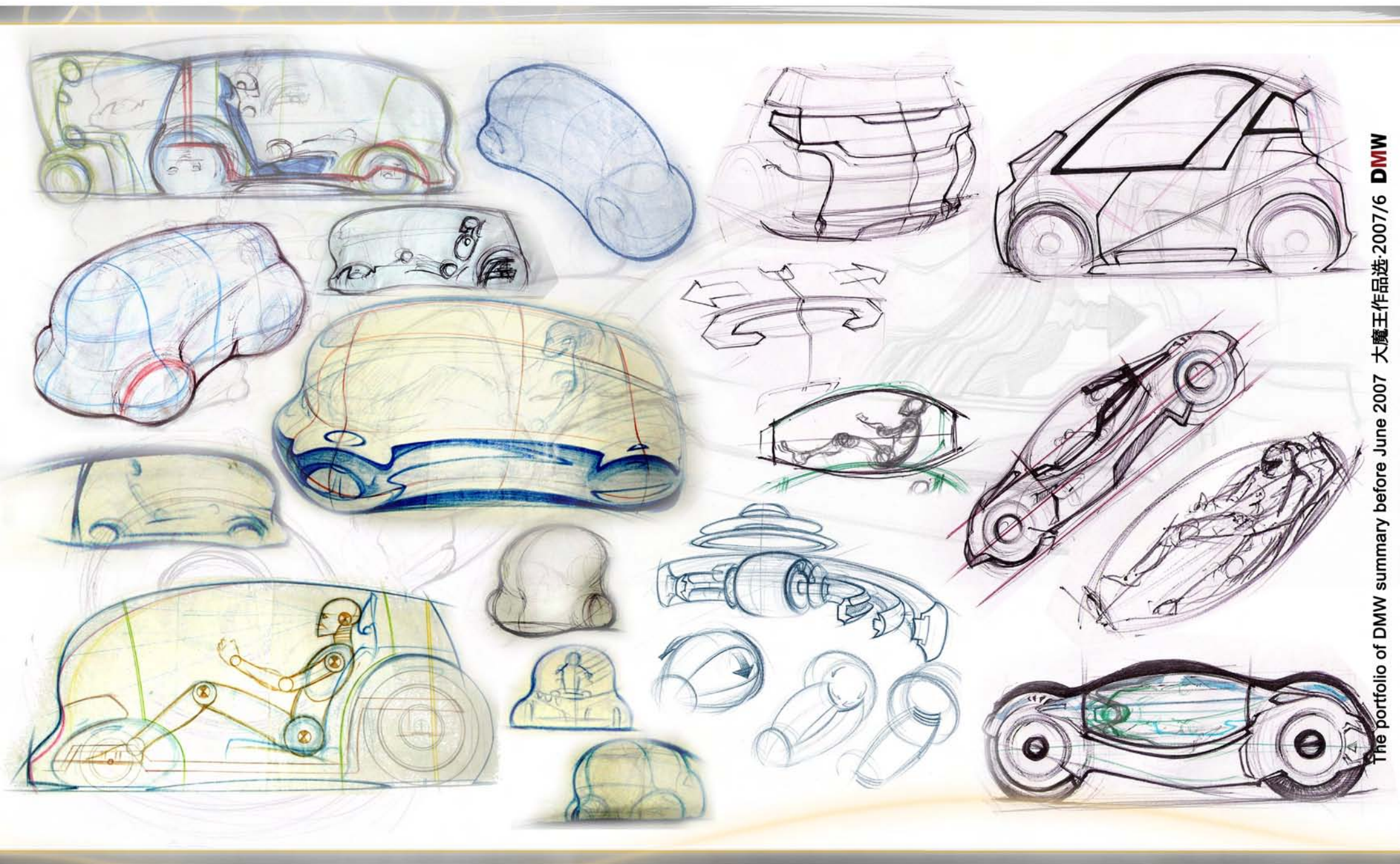
共享交通
sharing traffic
自助驾驶租用车辆
self-help hire sharing car

公共交通
Public traffic
地铁、公共汽车
subway, bus

共享交通
sharing traffic
自助驾驶租用车辆
self-help hire sharing car









混合动力三轮摩托车-北京工业大学环境与能源学院 multi-power 3-wheels motor for college of environmental and energy engineering, Beijing University of Technology

太阳能板
solar cell

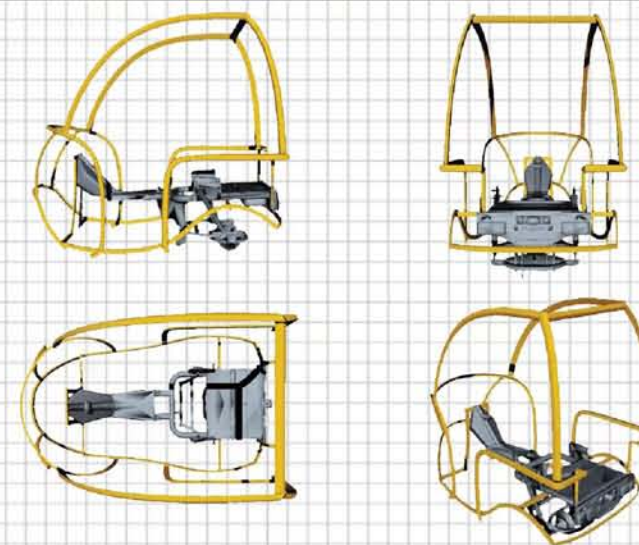


天然气罐
natural gas
pitcher

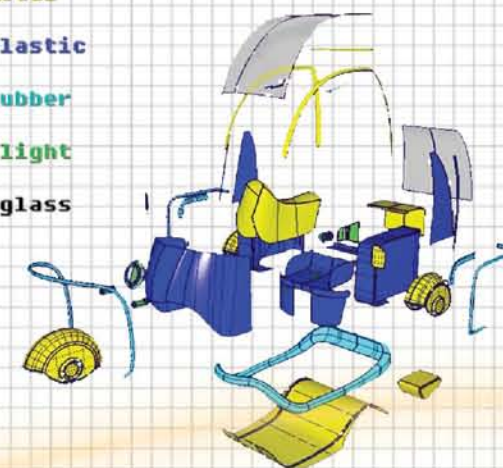


这项设计是基于现有的三轮摩托车而改装的。我们需要为混合型动力摩托车设计新的外形和使用方式。针对不同的生产成本这里有两个方案，右边是成本较低的。

This design base on an old type of 3-wheels motor, and my main task is design a new shell for multi-power type. Chinese people need convert vehicle energy sources to multi-power. As a product, cost is an important condition to design. There are 2 designs for different cost. The right one is for lower cost, and the upper one is better.



Yellow=metal
blue = plastic
cyan = rubber
green = light
white = glass



SPACE DESIGN

CULTURE SPACE, READING SPACE, EXHIBITION SPACE

Design process



Research issues

- 1 Materialize the time-line of Taarnborg in the place, in a tangible form.
- 2 Experiment user-centered design approach.
- 3 Work on boundary with: interior design, art and museology.
- 4 Respect the balance between: place, functions and people, to enrich the experience of visitors, avoiding to spoil it.

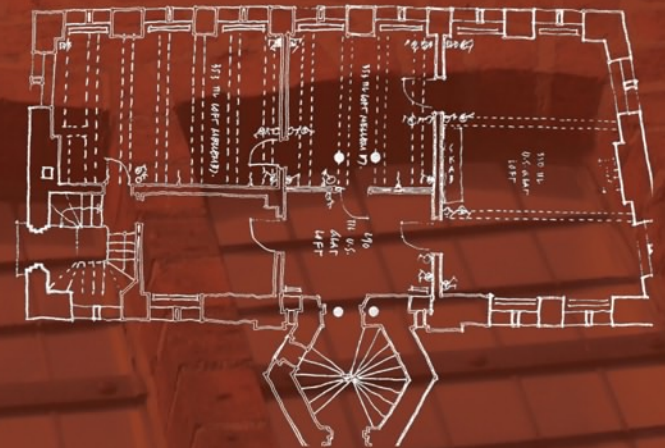
Constraints

- 1 Predefined environment and functions: we had to adapt to people expectations.
- 2 Financial: we payed ourselves but all expenses will be covered by Taarnborg.
- 3 Transportation: we had to test our ideas in Taarnborg, Ribe.
- 4 Time: field studies on Tuesday 8th of January , demonstration on Sunday 13th January.
- 5 Feedback: because of tight schedule, we could not get proper feedback, but many guests wanted to compliment with us.

Source

We had to combine different sources:

- 1 Brorson's hymns and life.
- 2 History of the place, always connected to local power.
- 3 Our knowledge about design.





*Emanuela marchetti, Zheng dai, Ólafur Ómarsson
Design Specialisation, ITPD 2007, Southern Denmark University, Jan.24.2008*

Strategies

Given all the constraints and the sterile atmosphere of the rooms, we decided to explore the senses, to deeply involve the guests and feel part of the historical process.

We coordinated our team work, so that we could work also at home exchanging files on internet. We found inspiration on other's ideas to enrich the setting with meaning

To optimize our time, we adapted already made things to the place and our concept too.

Conclusions

We succeeded in enriching the environment, we got positive reactions: Bente would like us to continue. We became part of the history of Taarnborg with the people who was there Sunday.

But more work is needed:

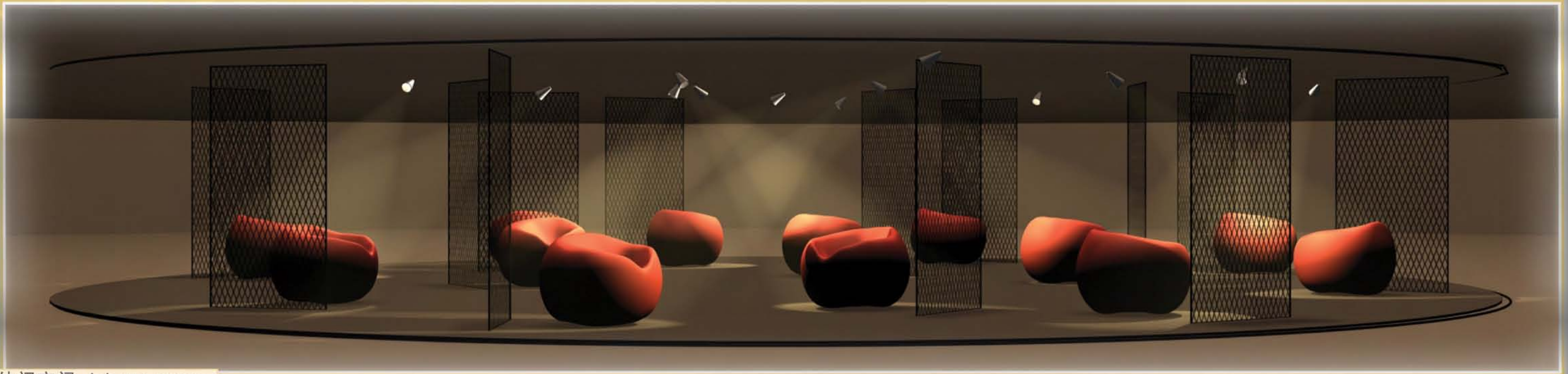
- 1 interaction
- 2 audio installation
- 3 lights and shadows
- 4 collage about history of Taarnborg and our work
- 5 more precise feedback: guestbooks and interviews

The project

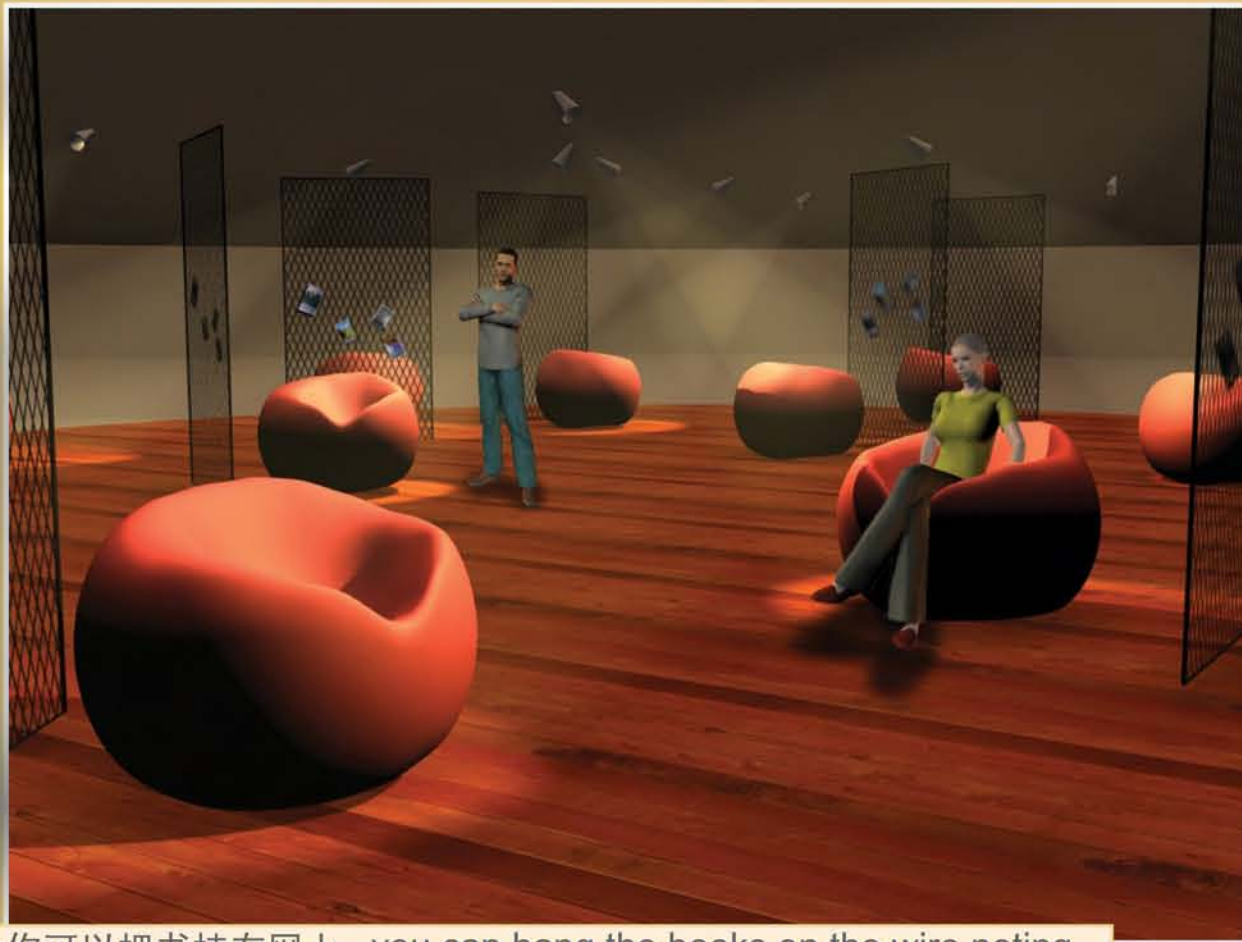
Our aim was to communicate historical heritage to visitors of Taarnborg. A house from the Renaissance, former residence of A. H. Brorson: hymn writer and bishop of ribe from 1741 to 1767. Nowadays Taarnborg is a private home and meeting place for lectures, musical evenings and historical dinners.

Visitors are people around 60 years old, interested in local history, religion and philosophy.

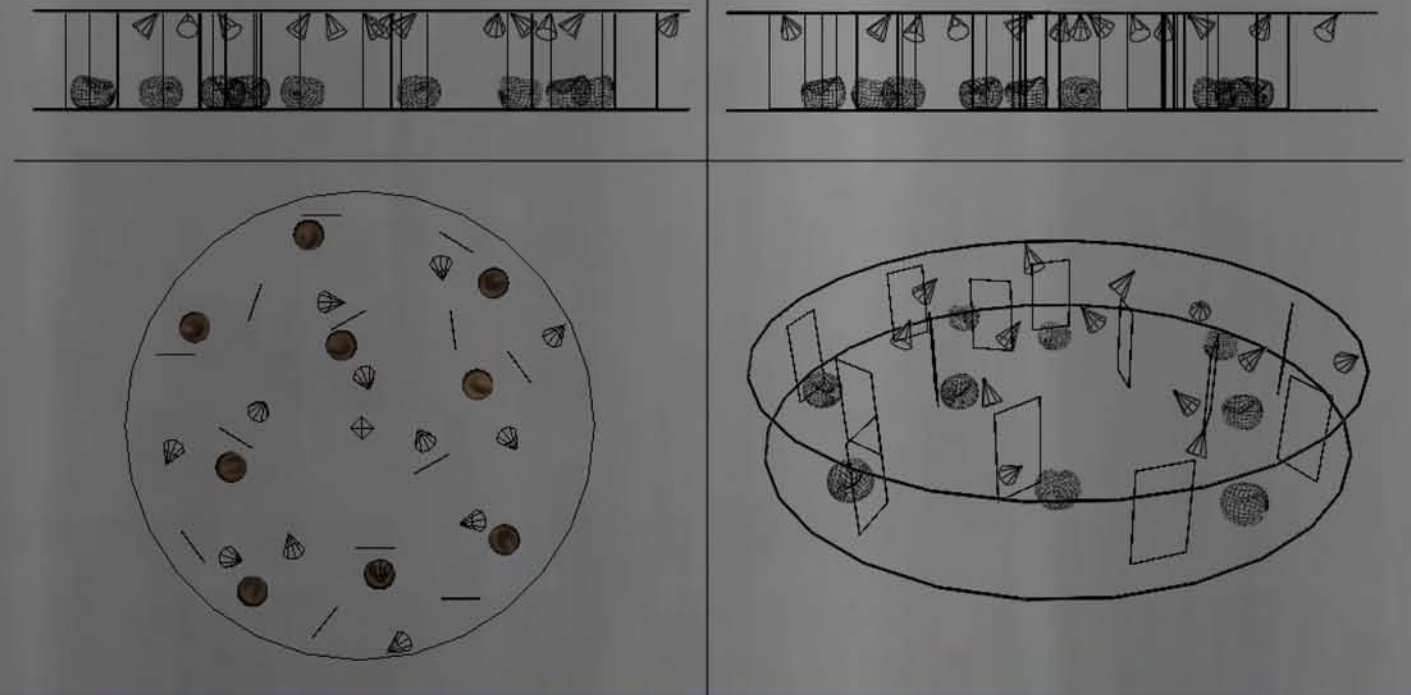




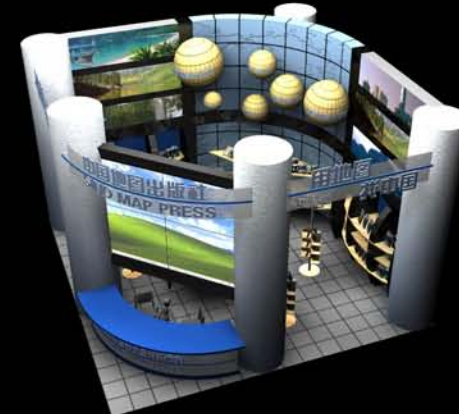
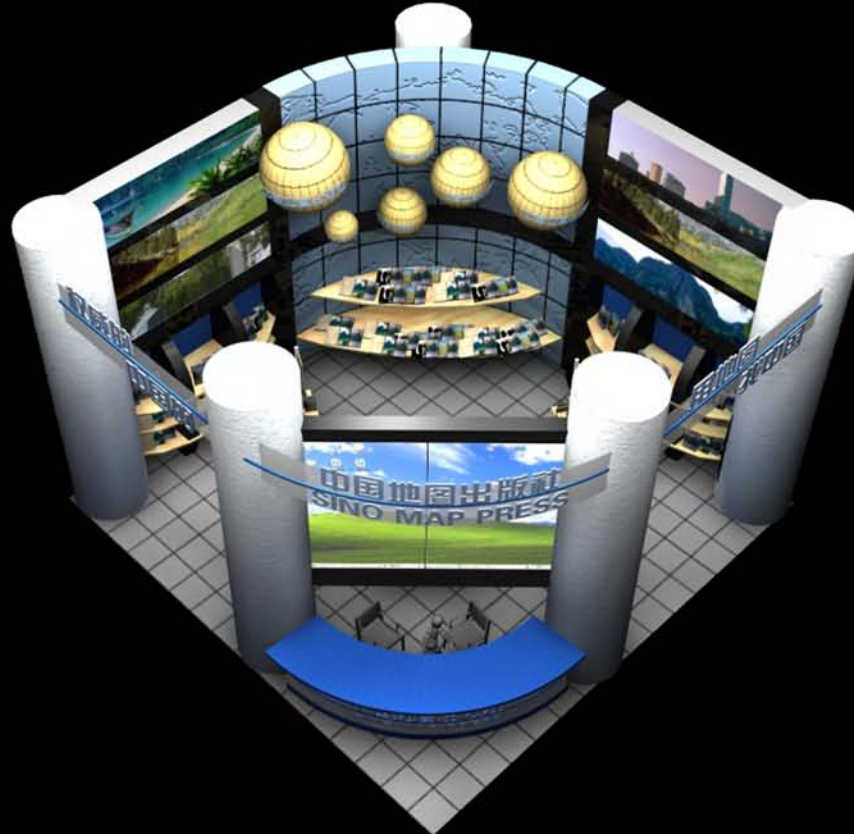
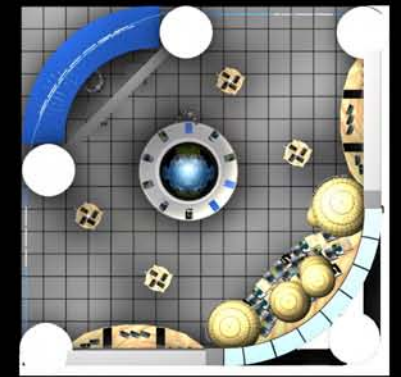
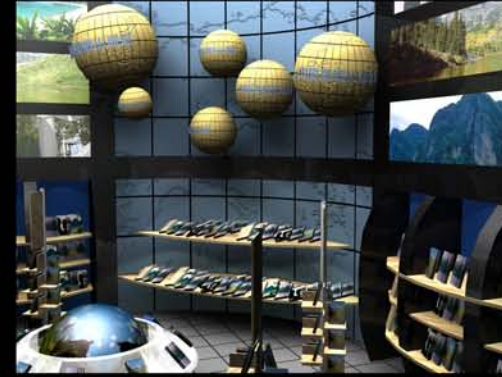
休闲空间 leisure space

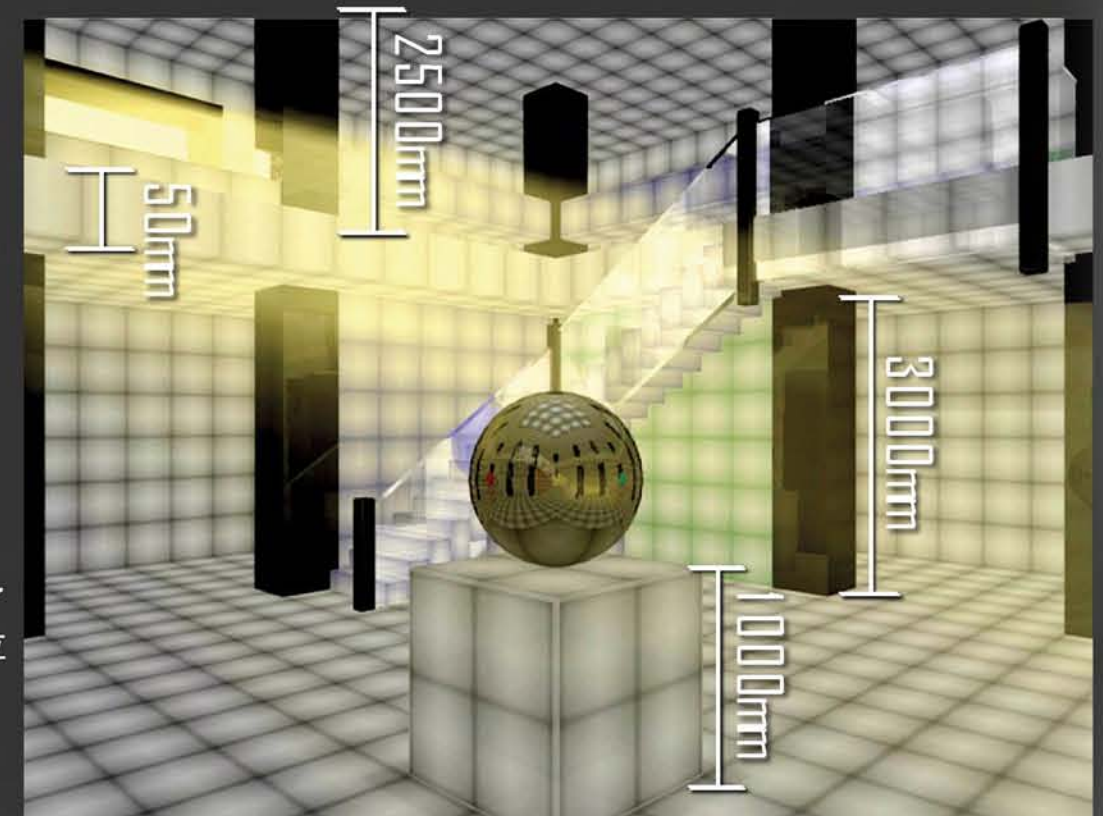
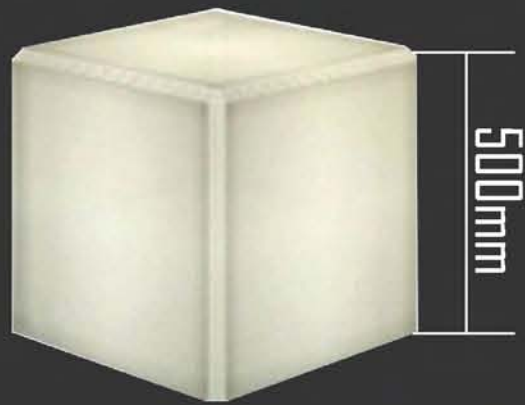
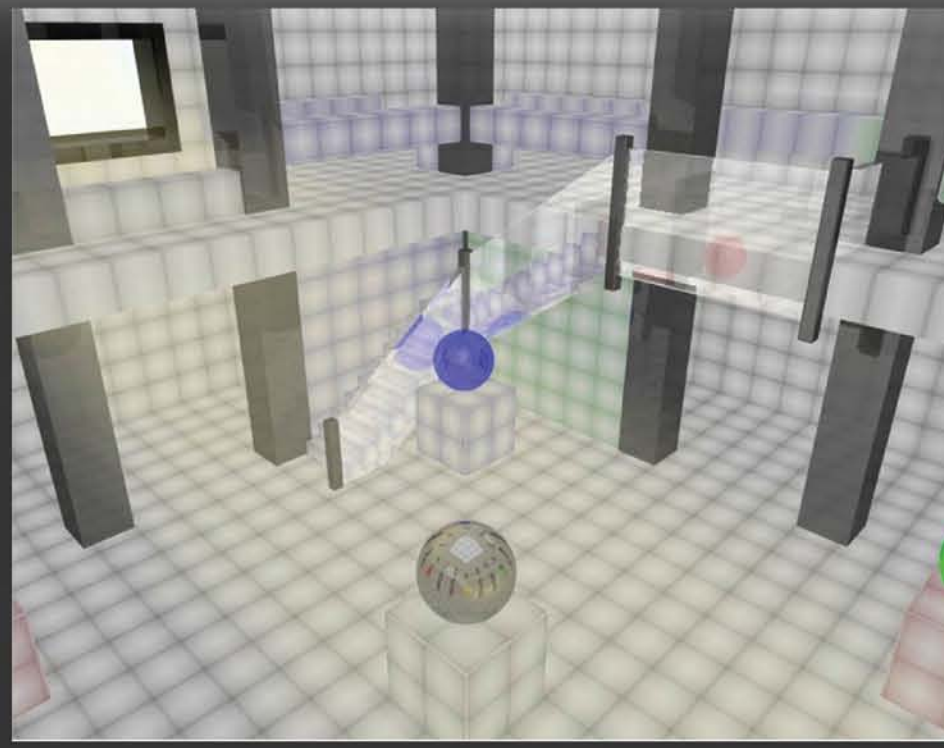
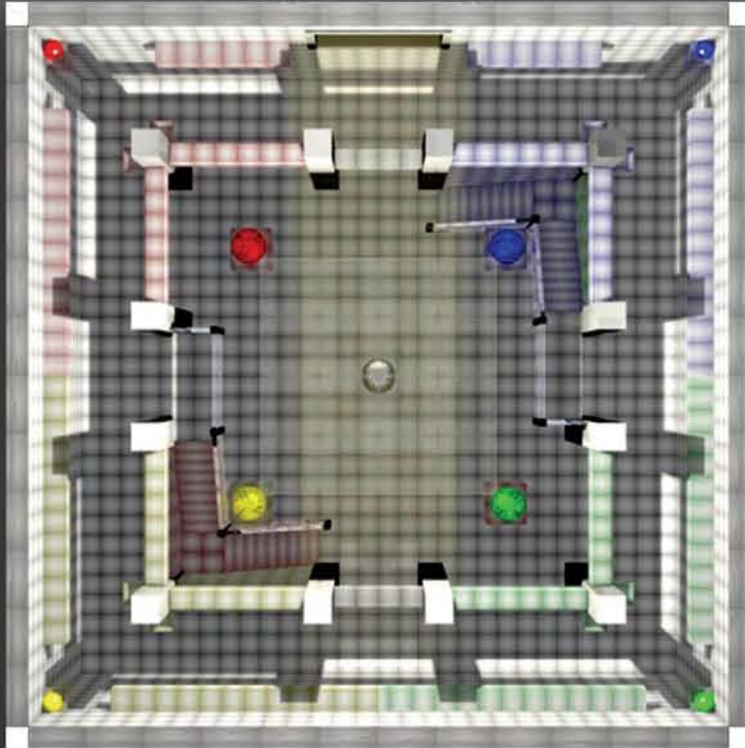


你可以把书挂在网上 you can hang the books on the wire netting



这是一个用于休息和阅读的空间。圆的半径是5米，它由许多子单元组成。每个子单元包括一站射灯，一个苹果沙发，和一个面网。环境中提供的书都配有一个钩子，使之可以挂在网上。
This is a place for rest or reading, and the radius of the round is 5 meters. It is constituted by a kind of element which includes a spot light, a net wall and an apple-like sit. The books are attached a small hook for making it can be hung.





用统一的元素构造一个纯粹的空间。

除了承重结构，每个表面里都设有一盏灯，由此形成了一个没有影子的全光源空间。“阵列”的方式扩大了个体元素的作用并创造出奇妙的效果。1个单位=0.5米，第一层3米，第二层2.5米，中间的隔层0.5米。座位高1个单位(0.5米)，展架高2个单位(1米)，护栏高2个单位(1米)，护栏厚1个单位(0.5米)。

Build a pure space with uniform element. Except bearing structure, every piece of the inner face has a light behind it. In another word, light source are everywhere, so, maybe it is a room without shadow. "Array" exerts the power of element and make a fantastic effect. 1 unit=0.5m. 1st floor is 3m high; 2nd floor is 2.5m; the middle floor board is 0.5m; seat=1 unit (0.5m), exhibition stand=2 units (1m); the fencing of 2nd floor is 2 units (1m) high and 1 unit thick.

正立方体空间 "cubic unit space"

PRODUCT DESIGN

TECHNOLOGY PRODUCT, FURNITURE, STATIONARY
BOARD GAME, SCULPTURE DESIGN

The Spintop Microwave

Interactive cooking

Instinctive control

Action technology

Microwave training



Concept statements

Cooking with your **Spintop Microwave** will be more **funny and efficiently**. **Physical movements** activate the microwave permitting a more direct interaction and feed-back, impossible with a traditional microwave. The cook can easily adapt the process to his-her needs by acting on the spinning of the microwave. The **transparent top cover** makes it easier to check on the food while cooking it. Thus the **food case** can be easily extracted and cleaned, in a dishwasher too, a unique feature for a microwave.

Our design aims to a more **physical and dynamic interaction**, to avoid pressing boring buttons in a PC like-style, which can frustrate and intimidate people not used to computers, whose only interest is to cook (Bertelsen et al. 2003). Then use of abstract icons on buttons can be confusing and drive too much attention to irrelevant matters, making difficult to understand feed-back (Djajadiningrat et al. 2004). In worse cases people could even refuse to use fully their appliances.

Finally the cook **trains the microwave** through physical movements, hence it becomes "smarter" and can adapt to any necessity. The Spintop Microwave can in fact **record actions** and repeat them one by one in turn. Our design considers carefully both users and their activity, therefore we designed a product that can be adapted by its users, avoiding to make our product too user-specific (Norman 2005).

Components



Top cover

The transparent top cover makes it easier to check on the food while cooking it

Food case

Food case can be easily extracted and cleaned, in a dishwasher too

Handle

For physical and dynamic interaction. Also with a comfortable way of moving

Shell

Electronic part, connection with base

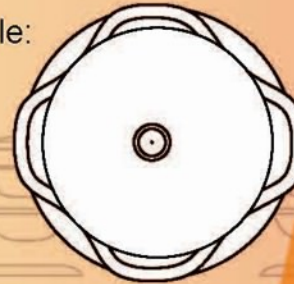
Base

Round shape power, connection structure







Wire

Actions for handle:

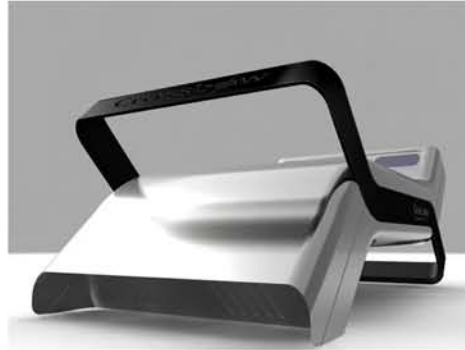
spin
sway
press
shake
rock-around
mixture
...



Instructions

Action	Food	Power	Time
 spin	Frozen food frozen meat, lasagne, frozen vegetables	High	Long 10 min
 sway	Frozen food de-freeze program frozen bread, frozen fish	Low	Long 10 min
 press&shake	Food on plate leftovers drinks, coffee	High Mid	Short 60 sec
 rock-slow	Soap gippo, congee, gruel, porridge	Mid Low	Mid 2-3 min
 rock-fast	Closed bowl popcom, banger, sausage	High	Mid 2-3 min
 mixture	Customize Record user's action. Do these actions in turn. Adjust power and time automatically.		











This is a game design for teacher and students in Management courses. The aim of these game is training communication skill.

There are 3 players in this game and 2 of them are in a group which compete with another player.

1st player player with 3rd player in first round.

1st player repersent the process and situation to 2nd player.

They need discuss the stratgy for second round.

And then 2nd player play with 3rd player.

1st and 2nd player have a practice about communication skill.



这是一组家具设计，两种材料：橡木和钢管组成这个系列，组装方式多样、随意。
This is a practice about furniture. Tow main materials, oak and steel, make up this series.
They are could be assembled in many ways at will.

INITIAL DESIGN 初步设计



上下两层进行不同的活动，活动之间互不干扰。玻璃板下面可以放灯。
The upper level could be used for drawing work. And the lower level is used for another activity such as having a meal. The 2 activities won't disturb each other. Under the glass board, the second level could store stationery and light.



这是一个钢管椅，它的结构由一根钢管组成，并且易于组装。
This is a steel tube chair. Its structure made by one steel tube. Adding 3 pieces of wood and a slice of leather, the chair can be assembled easily.



用户可以自主地选择部件，钢管和木板的型号都可以更换。
Users can select the elements of the shelf by theirself. Both of board and steel tube can be changed. The maximal size is 1x3x3 units (1 unit = 500 mm)



桌子表面有一条曲线，使用者可以随意组合它们，由此带来一些趣味。
There is a curve on the table. User can put them together in many ways for taking some interest and different to life.

橡木和钢管的家具 oak and steel tube funitures



灯的一部分，钢管可以制造更多的反射和细节，结构更稳固并且能保护灯体。同时钢管是这套家具共同的特点。
As a component of light, steel make more reflect and detail to the product. The structure is more stable and can protect the glass. Steel tube is a feature of this furniture suite also.



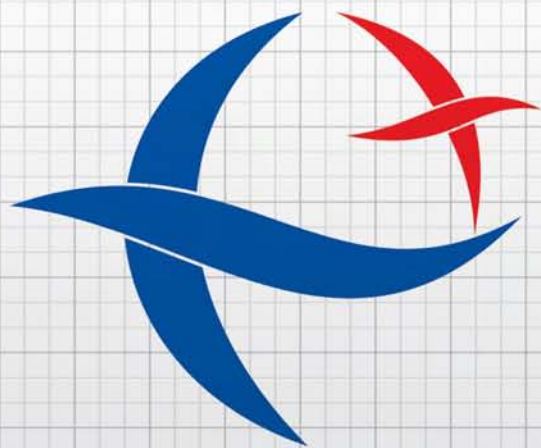
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VISUAL DESIGN

LOGO design, Website Design, Poster Design



中国地图出版社
SINOMAPS PRESS

SINOMAPS
PRESS

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中国地图出版社VI设计 SinoMaps Press VI design



HANDEYE
Happy Your Life



ELAN SPORTSWEARS
Limited company.



ELAN SPORTSWEARS
limited company.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



WELCOME TO CSSA DIT

Programme List

1. Comedy Duo(TCD)
2. Aerobic(UCD)
3. Male singers with guitar accompaniment(UCD)
4. Orchestra(DIT)
5. Pianist(DBS)
6. Singer with piano accompaniment(ACD)
7. Male singer(PCD)
8. Male singer(GCD)
9. Violinist(UCC)
10. Orchestra(UCG)
11. Tenor(MUI)
12. Violinist(AIT)
13. Female singer and dancer(WIT)
14. Female dance group(UL)

happy chinese new year

这个招贴包括了爱尔兰国旗的颜色和中国过节时的传统食品—饺子
The poster includes the color of national flag of Ireland and Chinese food for festival:
Chinese dumplings

BNC

BNC

Beijing University of Technology
NEWS CENTER

北京工业大学新闻中心标志 BJUT News Center logo



中国式花纹设计 chinese pattern design



一个法国公司标志 logo for a french company

这是一个刚刚起步的公司，主要从事中法间的贸易活动
This company just starts and works on the commerce between China and France.

