

N I T E R  
D E S I G N

T I M I Ş O A R A

2 0 2 2

# INTERDESIGN

DESIGN THE FUTURE

Simpozion internaţional bienal de design  
International Biennial Symposium

Editia a IV-a  
4th Edition



Editura Universității de Vest Timișoara

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73

Design & Layout:  
Cezara Carla Păducean



La UVT,  
**Cultura**  
este Capitală



上海视觉艺术学院  
Shanghai Institute of Visual Arts



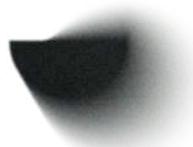
TIANJIN ACADEMY OF FINE ARTS

### Team project • • • • • •

Camil Mihăescu | Project manager  
Iosif Mihailo | Project manager  
Corina Nani |  
Alexandru Bunii |  
Cezara Pădurean |  
Bianca Mic |

# INTERDESIGN 2022

## Design the future



Through the selected design projects offered in this album we emphasize the social and cultural aspects of shaping future design paradigms. This is the fourth edition of Interdesign Biennial, an international event on both the professional and academic levels. For Timișoara, in the context of events held within European Capital of Culture 2023 the Interdesign Biennial becomes a cultural and artistic landmark. It highlights Timișoara's image as a city where culture is cherished. The Western University of Timișoara (UVT), through the Faculty of Arts and Design, assumes the significant role occasioned by this European and international context with the motto "At UVT culture is capital!"

All the conditions under which design projects are made sum up the social and cultural context, in the broadest sense. Whether it is about a global addressable level, or about a particular context, specific to a particular area or defined by a group of people, design follows the same steps. In terms of market value and business, it focuses mainly on processes, starting with creative stages and progressing to advanced technologies of mass production. In essence, design is a set of data meeting a variety of conditions at the same time, from social to behavioral to cultural. This is done through functionality and exploitation of the market. There are a number of proposals presented here that each address a particular need in some way, either now or in the future.

Since the history of man-made objects has shown a connection between necessity and effective-design, so too now design is reflecting the same thing, except

that this timethe objectives are set by the complexity of contemporary society. Because the requirementsare more complex, the design solutions are more varied. This is also reflected in the album.This gathering of designers from three continents illustrates that specific concernstranscend geographical and cultural boundaries. Hence, we can once again see that designis global. This is at least from the perspective of solutions that are being proposedaccording to increasingly similar needs all over the world. While there may not be a complete alignment between needs addressed and design solutions, the intrinsic culturallinks remain quite significant. They accomplish this by giving a broad picture of howpeople from various parts of the world, despite the obvious approaches of modernity, inmost aspects, define themselves.

Through the selection of projects, the most diverse concerns are revealed, directed at current or potential problems. Among those listed above, the ones that are perhaps most conclusive are those from product design, corresponding as much as possible to contemporary issues. Thus, we can find simple and contextually appropriate proposals from many common areas of industrial design. Products from the area of concern for adult or children's safety equipment are presented, which is most welcome. A special place also belongs to those admirable proposals made in support of the efficient use of limited resources, water and energy, in the so-called Third World countries, but not only. The solutions that some projects offer at a conceptual level to help the global effort to combat pollution and manage the effects of climate change are also topical. In addition to these, there are various design solutions that deal with specific aspects of the Covid-19 pandemic and its aftermaths.

On the other hand, the proposals in the section dedicated to graphic design show a broader freedom of themes. They oscillate between the more rigorous aspects of branding and artistic communication concepts, illustrated by original artistic techniques and formulas.

The design of the jewelry and clothing accessories in this catalog manifests, perhaps, the greatest degree of conceptual freedom. A wide range of themes are addressed, all integrating a certain concept of culture, often valuing

local characteristics. Perhaps this is where the diversity of the selection of designers is best reflected, the temptation to offer universal solutions suitable globally being somewhat less than in the case of product design or interior design projects.

After the first three editions, Interdesign strengthens the partnerships that the Western University of Timișoara, through the Faculty of Arts and Design, has with prominent Asian and European university centers. In addition to these, a number of established designers from North America and Asia ensure the level of exigence. Joining us are: International Association of Jewelry Merchandise Planners Ltd. (Hong Kong, China), Shanghai Institute of Visual Art, (China), Tianjin Academy of Fine Arts, (China), Wuhan University of Engineering Science, (China), Hubei University of Technology, (China), also University of Szeged (Hungary) and Faculty of Graphics and Design, (Novi-Sad, Serbia).

Initially planned as a Euro-regional event, built on a tripartite core made up of Timișoara and our partners from Hungary and Serbia, Interdesign gained relevant international status with the integration of the Chinese academic community, but also through the contribution of renowned designers from Asia, Europe and North America. All of this has given the Interdesign Biennale a distinctive character. This is because we are aware of the global aspects manifested in contemporary design while we are also valuing the cultural dimension and revalorizing local identities.

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Iosif Mihailo

# INTERDESIGN 2022

## Design the future



Prezentul album, prin proiectele de design selectate, valorizează aspectele circumstanțiale în conturarea noilor paradigme ale designului, sub aspect social și cultural. Ajunsă la a patra ediție, Bienala Interdesign este un eveniment referențial la nivel internațional pentru domeniul designului, atât în sfera profesională, cât și în mediul academic de specialitate. Pentru Timișoara, în contextul evenimentelor derulate în cadrul proiectului Capitală Culturală Europeană 2023, Bienala Interdesign devine un reper în sfera artistică, consolidând imaginea Timișoarei de metropolă unde cultura este la loc de cinste. Universitatea de Vest din Timișoara (UVT), prin Facultatea de Arte și Design din cadrul acesteia, asumă rolul important prilejuit de acest context european și internațional prin deviza „La Uvt cultura e capitală!”

Toate condiționalitățile sub care creațiile de design își justifică existența alcătuiesc contextul socio-cultural, în sens extins. Fie că este vorba despre un nivel general al adresabilității, la nivel global, fie despre un context particular, propriu unei arii aparte ori unui grup definit de oameni, designul urmează aceiași pași în privința procesualității, de la etapele creative ideatice la tot ceea ce însumează valoarea produsului de design sub aspect de piață și afacere lucrativă. Așa cum, de cele mai multe ori, designul este definit ca o sumă de date ce întrunesc concomitent condiții diverse - din sfera socială, comportamentală, culturală, dar și prin prisma potențialului efectiv de realizare, utilizare și valorificare mercantilă - iată că și aici avem în vedere felurite propuneri ce urmăresc, fiecare în felul propriu,

să se adreseze unei nevoi concrete de acum sau din perioada următoare.

Dacă în decursul istoriei obiectelor create de om s-a putut observa relația nemijlocită dintre necesitate și soluțiile obiectuale, la fel și acum designul reflectă același lucru, doar că, de data aceasta, obiectivelor sunt, în mod firesc, oglindirea complexității societății contemporane. Necesitățile sunt mult mai complexe și astfel se justifică multitudinea de abordări ale designerilor contemporani – lucru ce transpare și din acest catalog. Faptul că aici sunt reuniți designeri din trei continente și șapte țări, iar problematicile transcend barierele geografice și culturale, arată încă o dată caracterul global al designului, cel puțin din perspectiva soluțiilor propuse, conform unor nevoi din ce în ce mai asemănătoare, peste tot în lume. Desigur, nu poate fi vorba doar despre o aliniere totală a necesităților adresate și a soluțiilor înaintate prin design, încă sunt destul de pregnante resorturile culturale intrinseci, care definesc, într-o bună măsură, oamenii din diverse părți ale lumii, în ciuda evidențelor apropiieri facilitate de modernitate, sub toate aspectele.

Prin selecția de proiecte sunt relevate preocupări dintre cele mai diverse, îndreptate asupra problemelor actuale ori potențiale. Poate cele mai concludente pentru cele scrise mai sus sunt proiectele de design de produs, aliniate cât se poate cu problematicile contemporaneității. Regăsim, astfel, propunerii, pe cât de simple, pe atât de adecvate contextual, din multe arii uzuale ale produselor industriale. Sunt prezentate produse din sfera preocupărilor pentru echipamentele de siguranță a adulților ori a copiilor, lucru cât se poate de binevenit. Un loc aparte îl au și acele propunerii admirabile venite în sprijinul eficientizării folosirii resurselor limitate, apă și energie, în țările aşa-zise din lumea a treia, dar nu numai. De actualitate sunt și soluțiile pe care unele proiecte le oferă la nivel conceptual în ajutorul efortului global de combatere a poluării și de gestionare a efectelor schimbărilor climatice. Pe lângă acestea, își fac loc felurite soluții de design ce tratează aspecte specifice pandemiei Covid-19 și a consecințelor sale.

Pe de altă parte, propunerile din secțiunea dedicată designului grafic manifestă o mai mare libertate

de problematici, oscilând între aspectele întrucâtva mai riguroase ale brandingului și concepțile artistice de comunicare, ilustrate prin tehnici și formule artistice originale.

Designul bijuteriilor și accesorilor vestimentare din acest catalog manifestă, poate, cel mai mare grad de libertate conceptuală, abordând tematici dintre cele mai diverse, toate integrând un anume concept cultural, deseori prin valorizarea specificului local. Poate aici transpare cel mai bine diversitatea selecției de designeri, tentația oferirii soluțiilor universale adevărate global fiind ceva mai mică decât în cazul proiectelor de design de produs ori a celor de design de interior.

După primele trei ediții, Interdesign consolidează parteneriatele pe care Universitatea de Vest din Timișoara, prin Facultatea de Arte și Design, le are cu importante centre universitare asiatici și europene. Pe lângă acestea, o serie de designeri consacrați din America de Nord și Asia asigură nivelul de exigență. Alături ne sunt: International Association of Jewellery Merchandise Planning Professionals Ltd., (Hong Kong, China), Shanghai Institute of Visual Art, (China), Tianjin Academy of Fine Arts, (China), Wuhan University of Engineering Science, (China), Hubei University of Technology, (China), precum și Universitatea din Szeged (Ungaria) și Facultatea de Grafică și Design, (Novi-Sad, Serbia).

Initial conceput ca un eveniment de talie euro-regională, clădit pe un nucleu tripartit alcătuit din Timișoara și partenerii noștri din Ungaria și Serbia, Interdesign a căpătat statut internațional relevant odată cu integrarea comunității academice chineze, dar și prin aportul designerilor reputați din Asia, Europa și America de Nord. Toate acestea i-au conferit Bienalei Interdesign un caracter distinct, ce asumă aspectele globale, inexorabil manifestate în designul actual, prețuind totodată dimensiunea culturală și de revalorizare a identităților locale.

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Iosif Mihailo

## This year - concept

### 5 branches of design

Design exhibition in various branches of design: **graphic design | interior design | jewelry & accessories design | product design | textile design**

### 2 different exhibitions spaces

This year, the works will have much greater visibility for the general public, having two different exhibition spaces.

### "design the future"

Conferences dedicated to the topic: "design the future"

projects received:

**92**

projects

PRODUCT DESIGN

**43**

projects

JEWELRY & ACCESSORIES

**30**

projects

GRAPHIC DESIGN

**9**

projects

INTERIOR DESIGN

**7**

projects

TEXTILE DESIGN

**5 branches of design**

# Topicality themes



Modular design



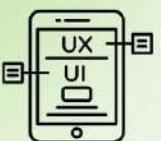
Social design



Waste



Biophilic design



UX / UI design

Total of 181 projects

86 participants

**GRAPHIC DESIGN**

Iosif Oprescu/Sha Feng/Claudia Feti/Iosif  
Mihailo/Cezara Padurean/Diana Andreeșcu/Corina  
Nani/José Luis López Macías/Iuliu Duma/Monica  
Hudecz/Sergiu Zegrean/Ignác Szalay/Ferenc Kiss/Biró  
Ildikó/Alexandru Jakabhazi/Eniko Szucs/Wang Qing/Xiao  
Ting Zhong/Yuhan Xiao/Krishna Kumar Yadav

**PRODUCT DESIGN**

Camil Octavian Milincu & Otilia Alexandra  
Tudoran/Alexandra Ghioc/Beiyuan Zhang/Chen Chen &  
Yixuan Zhang/Danyi Ma/HanFei Zhang/Jiawen Cheng/Lan  
Li/Lianyu Fan & Xiaobo Li/Qi Shao/Musta Marijus/Shi  
Qi & Liu Peiheng/Min Li & Wenfeng Chen/Feng Zitong &  
Xiaobo Li/Maurice Kwok & Steve Yeung/Yidi Bai & Wang  
Sicheng/Maria Pantur/Peng Bincong/Shiye Dai & Beixi  
Shen/Wang Haonan & Xu-Shengtao/Shize Wei/Xiaobo Li &  
Feng Zitong/Yapei Hao/Zhang Xiwang/Ying Zou

**INTERIOR DESIGN**

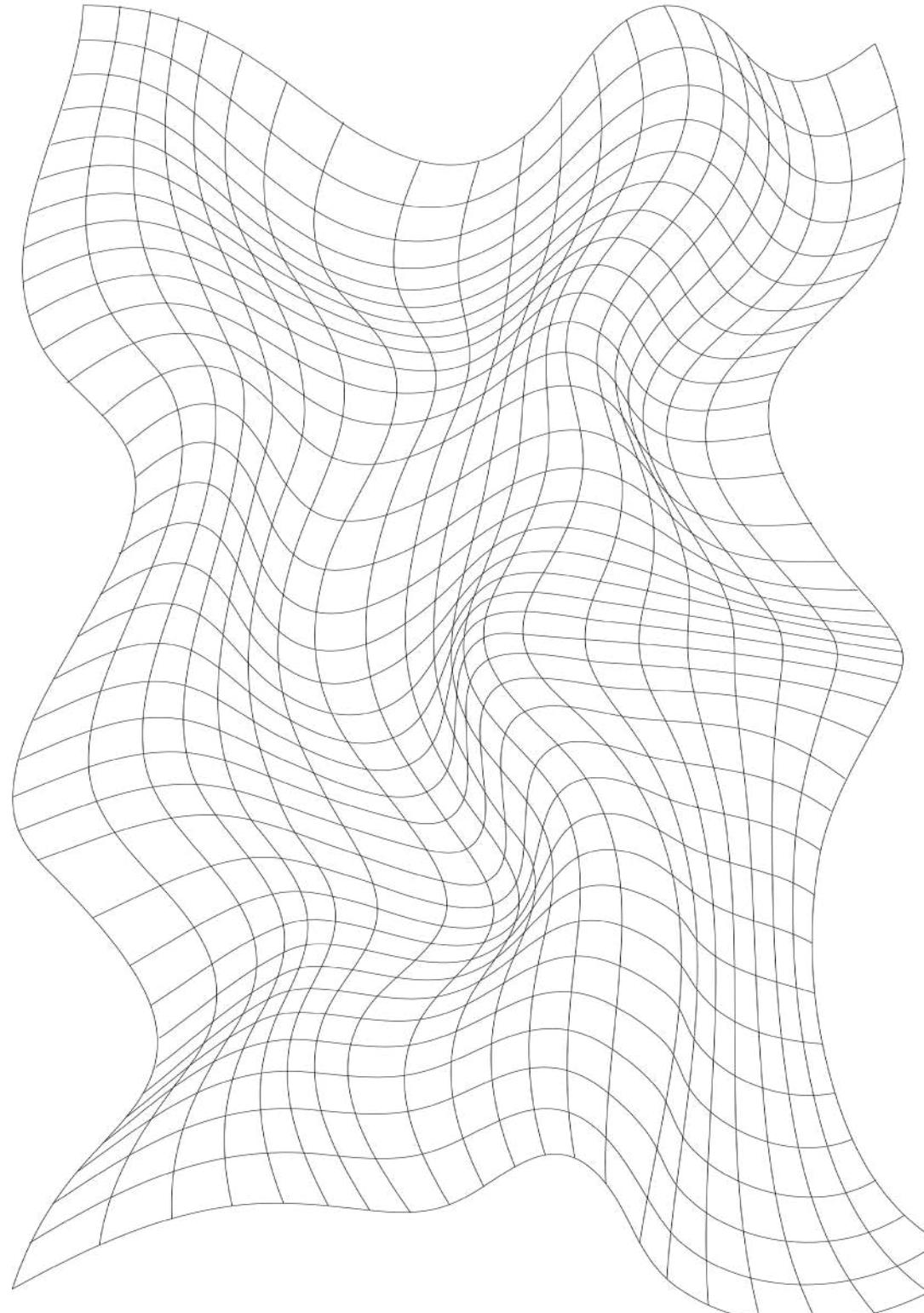
Doina Brodesco/Demeter Andreea Maria/Mic  
Bianca/Raluca Sita/Ferențiu Andreea

**JEWELRY & ACCESSORIES**

Alexandru Bunii/Duan Yike/Shanyue Gao/David Loo Wai  
Keong/Han Yang/Hu Yifan/Huang Lin/Li Jiahui/Chau  
Wai Chung/Li Wenxuan/Cheng Ziyi/Shakun Zhang/Wan  
Zihan/Wang Dajiang /Wang Qing/Wang Xinyu/Xinyi  
You/Yan Pan & Jingjie Wang/Xu Jingjing/Xu  
Zijian/Chupei Huang

**TEXTILE DESIGN**

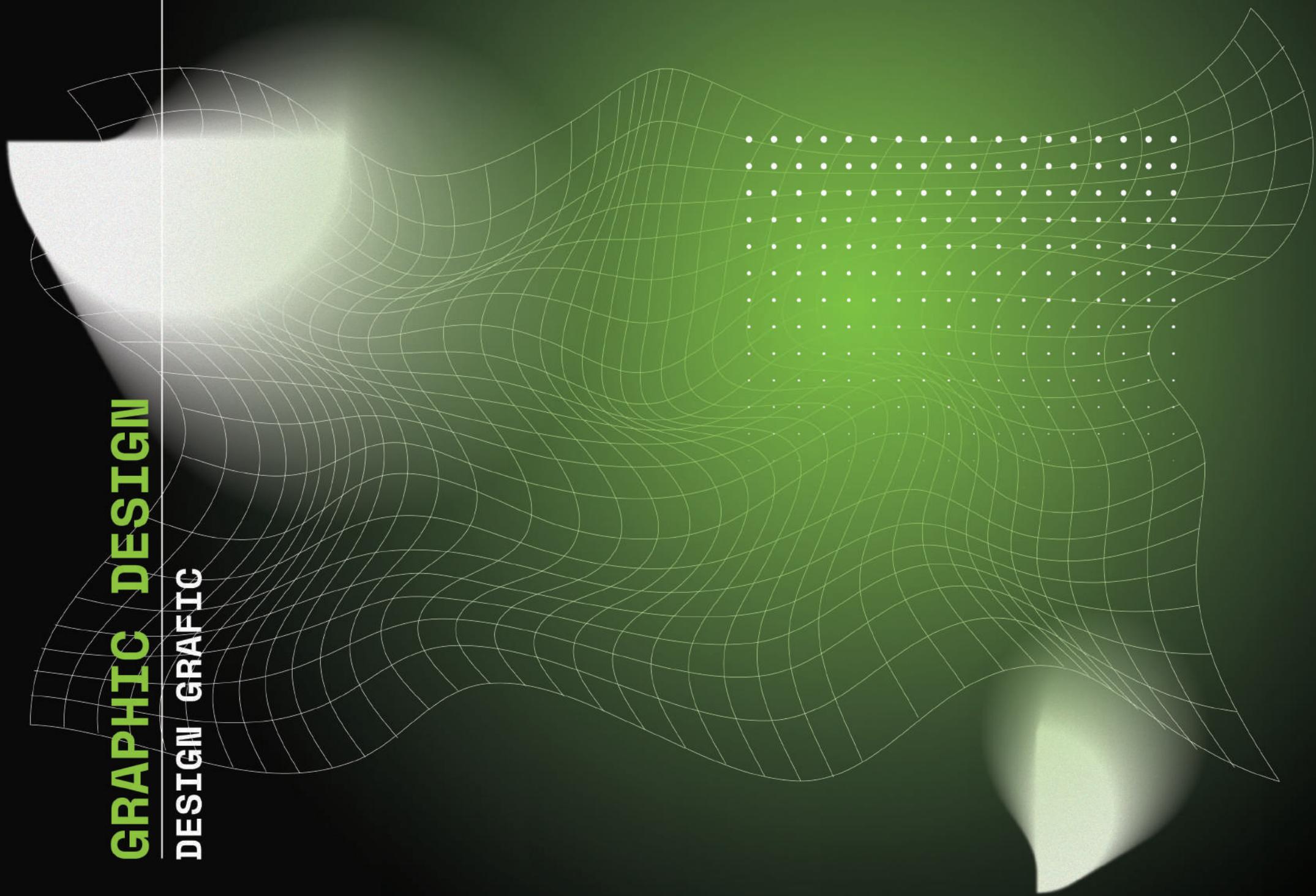
Csilla Manolatos/Eugenia Riemschneider



**GRAPHIC DESIGN**

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DESIGN GRAFICO





## Iosif Oprescu

Teacher - The Fine Arts University of Bucharest  
**ROMANIA**

**ZORAN** |Branding & Package Design| 2021

**VIGORA** |Branding & Package Design| 2021

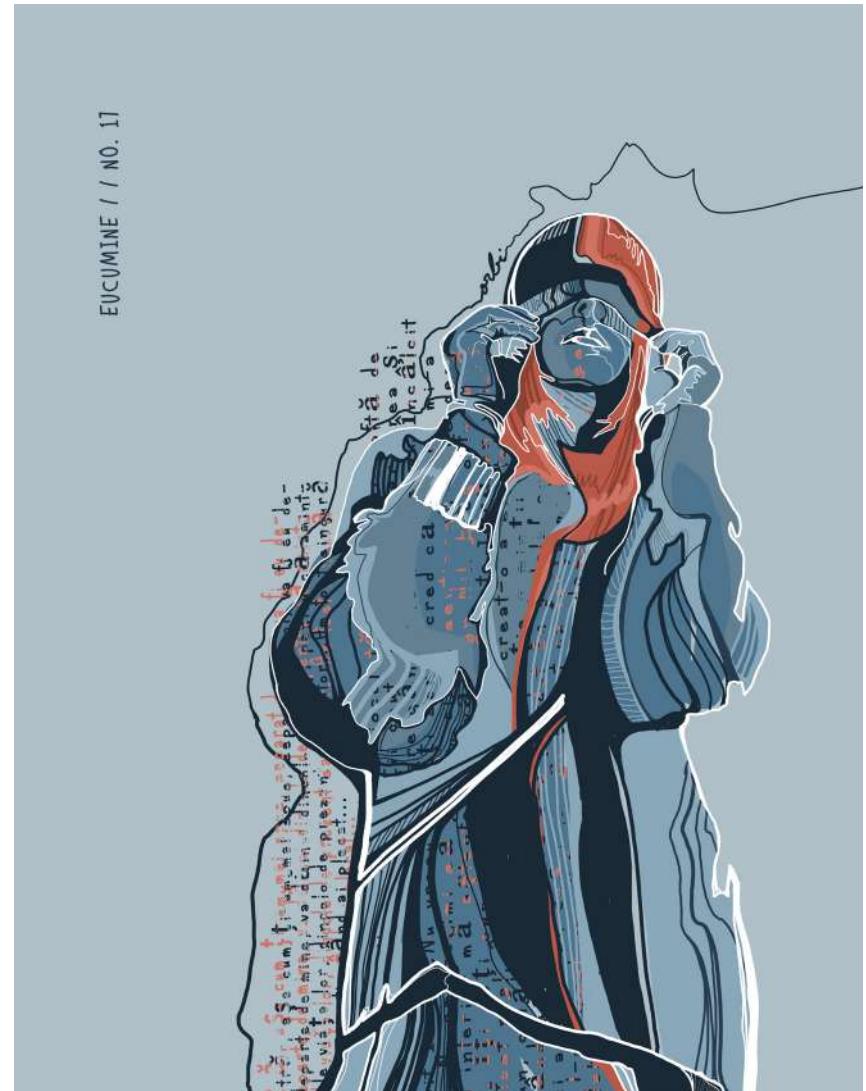
**BIZU** |Branding & Package Design| 2021



**Sha Feng**

*President of Associazione di Design Cinese  
e Italiano in ItaliaVisiting Professor at Zhongshan  
Polytechnic China  
CHINA*

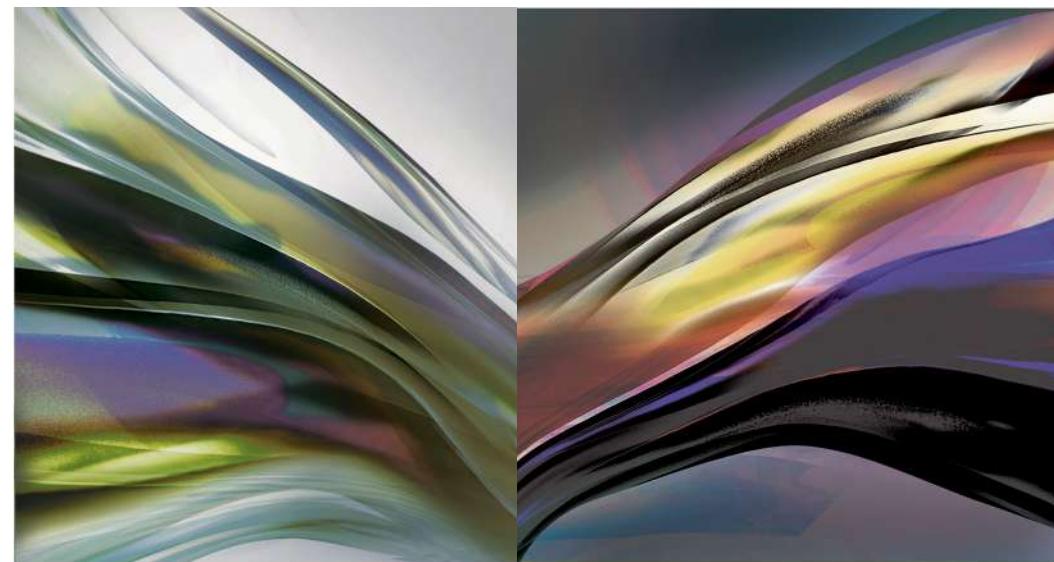
**Post-Mask** |digital illustration| 2021



**Claudia Feti**

*Research Assistant-Faculty of Arts and Design  
West University of Timisoara, Graphic Designer  
ROMANIA*

**EuCuMine** |No. 17| illustration

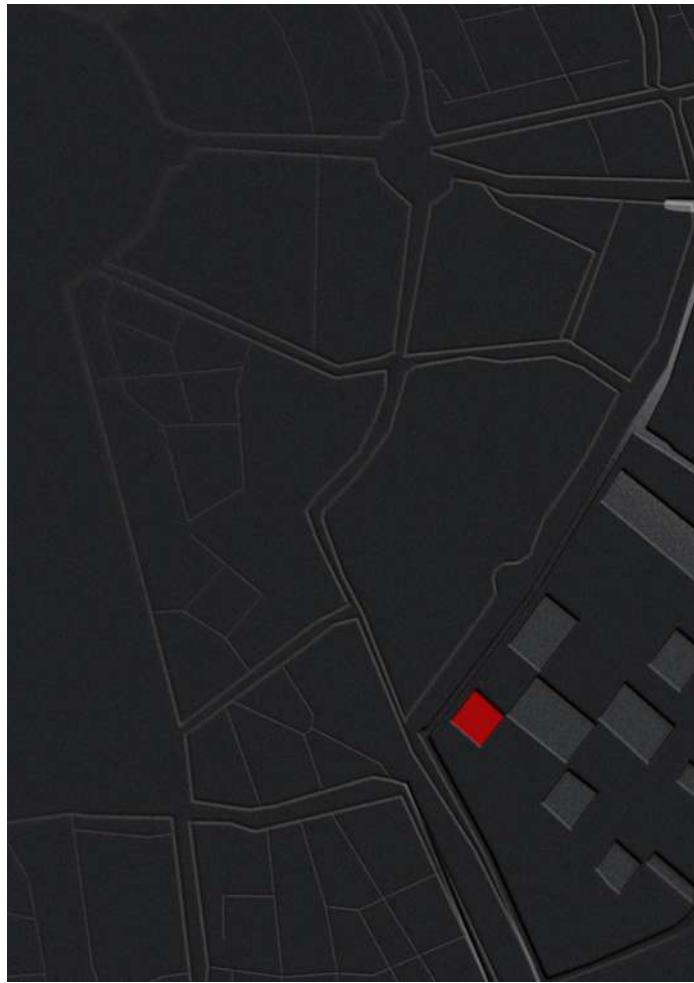


## Iosif Mihailo

**ROMANIA**

**Flow | CAD | CGD**

*Assoc. Prof. PhD. Hab.  
Head of the Design  
Department/  
Faculty of Arts and  
Design/ West University  
of Timisoara, Romania*



## Cezara Carla Padurean

*Research Assistant  
Faculty of Arts and Design/  
West University of Timisoara  
PhD. Student and Graphic Designer  
**ROMANIA***

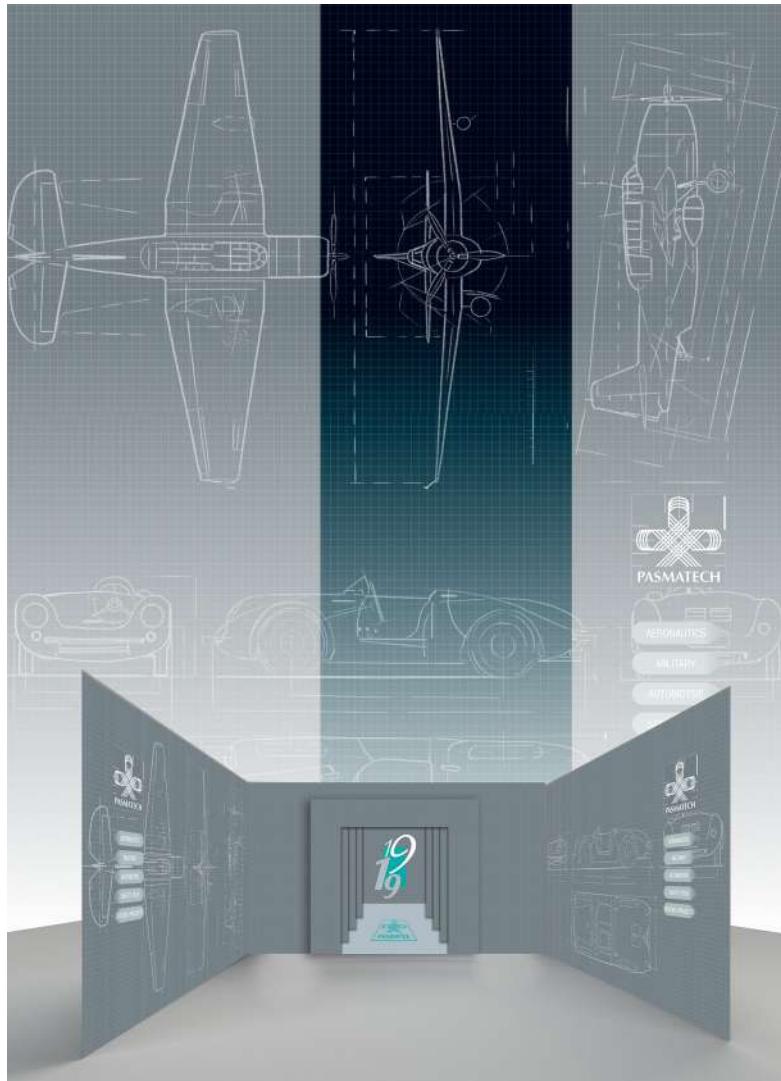
**Mapzone** | 3D modeling and  
photo-manipulation | 2018



## Diana Andreescu

*Assoc. Prof. PhD. Hab. -  
Faculty of Arts and Design/  
West University of Timisoara  
**ROMANIA***

**Balet III** | digital media | 2021

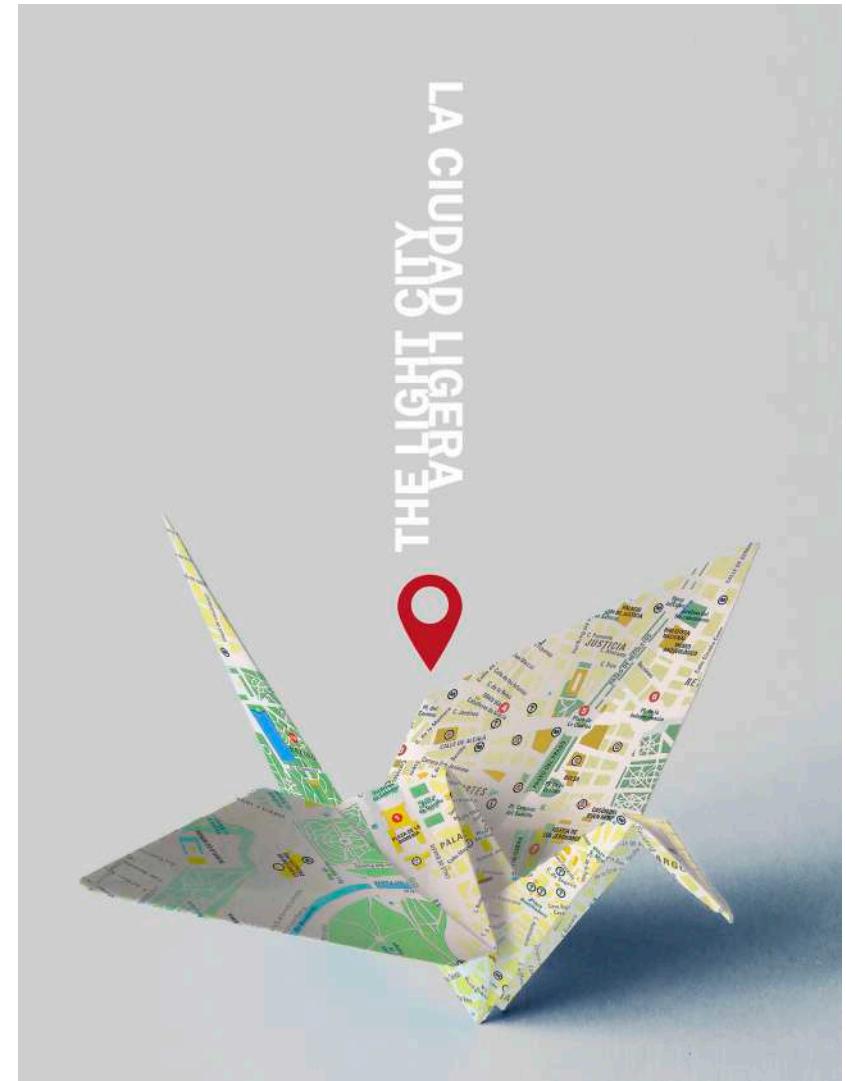


## Corina Mani

Assoc. Prof. PhD. Faculty of Arts and Design/ West University of Timisoara

**ROMANIA**

**Pasmatex** |Stand arrangement| digital art



## José Luis López Macías

Graphic Design Teacher, Pontificia Universidad Católica del Ecuador/Graphic Designer

**PARAGUAY | ECUADOR**

**The light city** |digital art| 2018

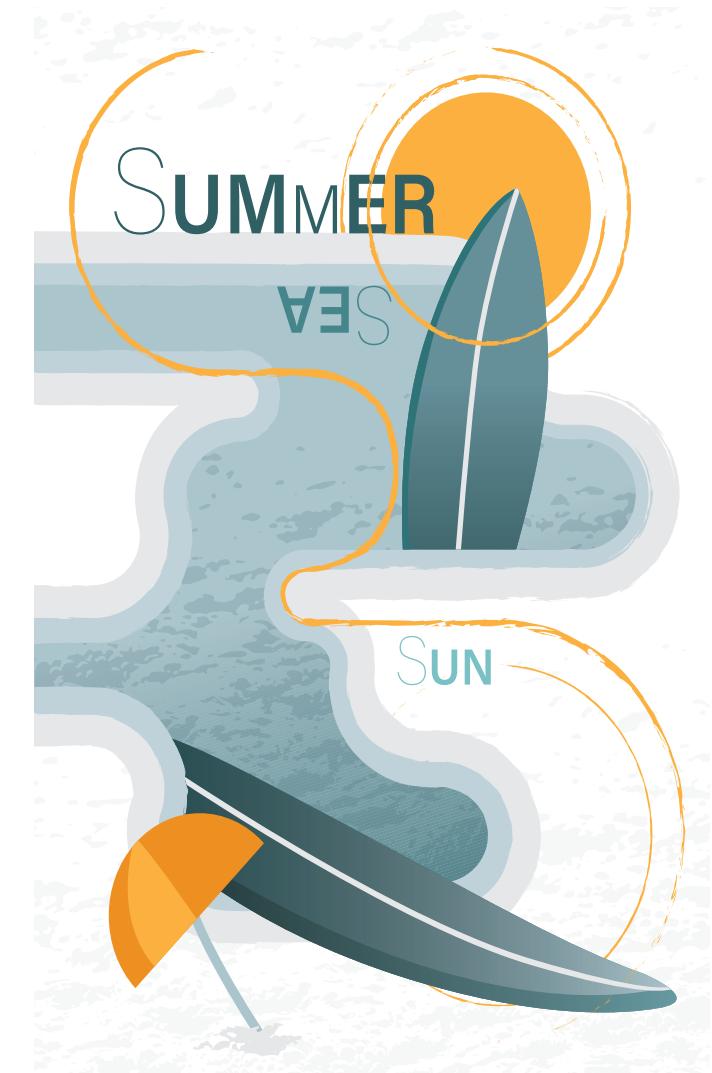


## Iuliu Duma

Assist. Prof. University of Arts and Design from Cluj-Napoca, Romania, Graphic Designer

**ROMANIA**

**From earth to sky** |digital graphics| 2021



## Monica Hudecz

Graduate- Faculty of Arts and Design/  
West University of Timisoara, Graphic Designer

**ROMANIA**

**The Joy of Summer** |digital poster| 2022



**Sergiu Zegrean**

**ROMANIA**

*Assoc. Prof. PhD.*

*Faculty of Arts and Design/*

*West University of Timisoara, Romania*

**Depths**

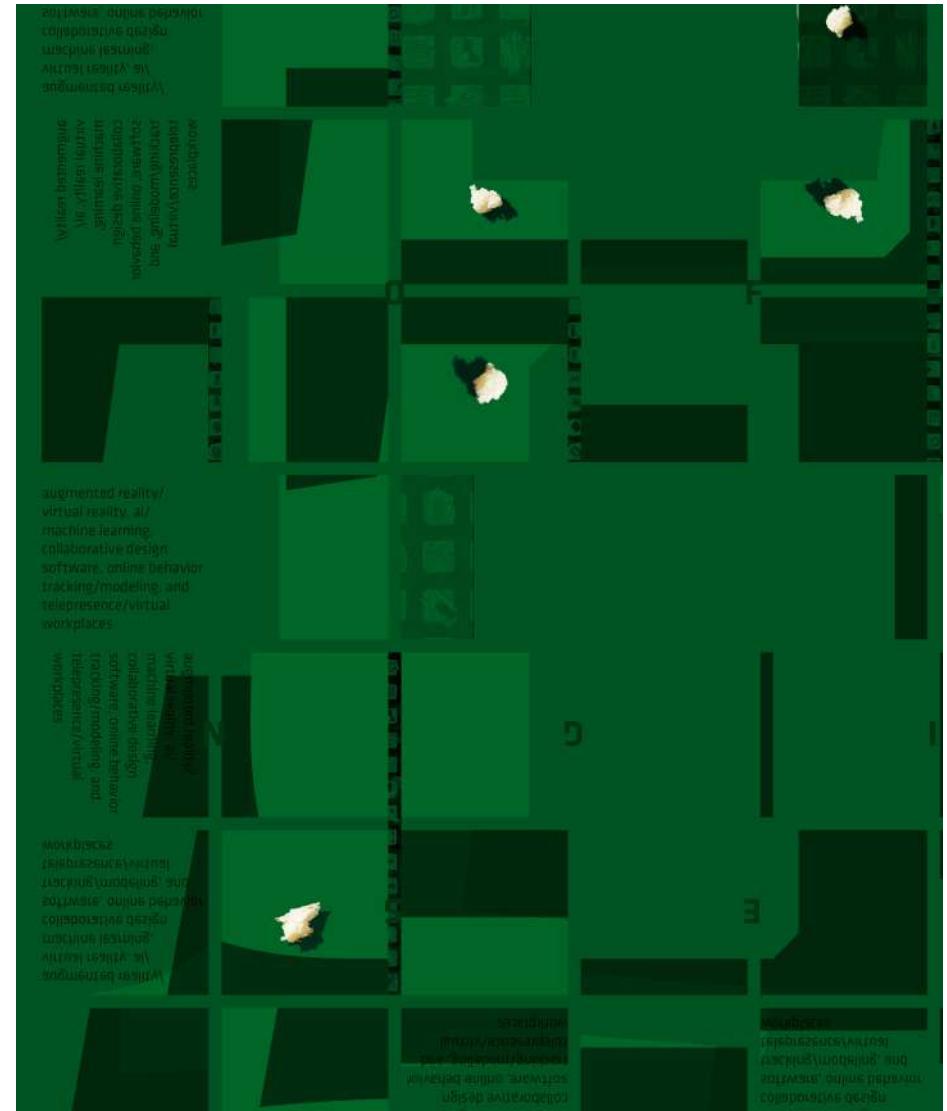
**Grendel**



## Ignác Szalay

Graduate - NYME-SEK/ Szombathely, Hungary  
HUNGARY

Killer on the road | digital graphics | 2022



## Ferenc Kiss

Grafic Designer, University Lecturer, Visual Artist,  
Executive Director of UDA  
HUNGARY

Future of Design | digital print | 2022

**Logotype**

Master logo



**Logo variations**

SZÖKE TISZA HAJÓÉRT

LEGYEN ÚJRA HAJÓ!

**Color palette**

Primary colors: Cadet, Jasper Orange, Weidom Blue, Cadet Grey, Calm Rose.

Secondary colors: Jasper Orange, Weidom Blue, Cadet Grey, Calm Rose.

Cadet	Jasper Orange	Weidom Blue	Cadet Grey	Calm Rose
HEX: #5C7A7B R: 92 G: 122 B: 123	HEX: #E6A029 R: 230 G: 160 B: 41	HEX: #2272A7 R: 34 G: 114 B: 167	HEX: #707070 R: 112 G: 112 B: 112	HEX: #D9A0A0 R: 217 G: 160 B: 160

**Typography**

Barlow Condensed

AaBbCcDdEeFfGgHh  
0123456789+!/?/-;  
AaBbCcDdEeFfGgHhIjKkLlMm  
NnOoPpQqRrSsTtUuVvXxYyZz  
0123456789(&!#/,-ööüü)

**Forms of use**

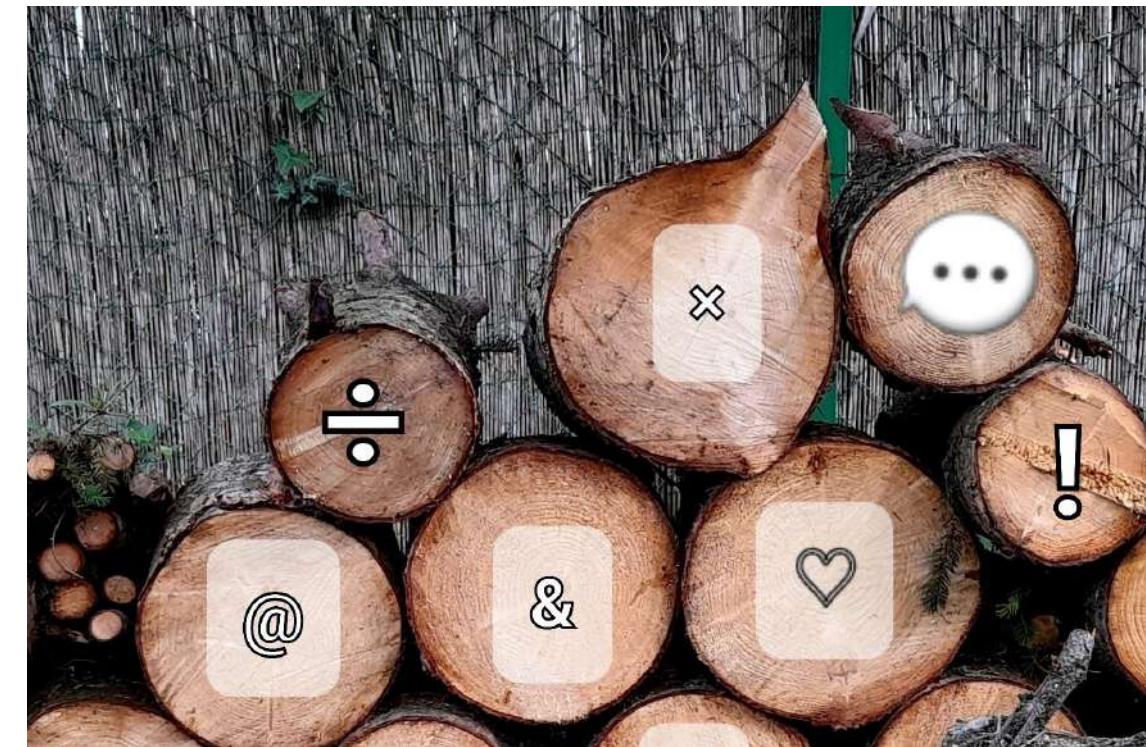


## Biró Ildikó

Assist. Prof. -University of Szeged, Juhasz Gyula  
Faculty of Education, Institute of Art, Graphic artist

HUNGARY

Szoke Tisza Hajoert



**Alexandru Jakabhazi**  
ROMANIA

Prof. PhD. Hab. - Faculty of Arts and Design/ West University of Timișoara, România



## Eniko Szucs

Lecturer PhD- Faculty of Arts and Design/  
West University of Timisoara

**ROMANIA**

**Creative solutions** |graphic digital art| 2022



## Wang Qing

Postgraduate student,  
China University of Geosciences, Wuhan

**CHINA**

**Stop Thinking**



### Background

The median outcome in 2019 has made people quickly realize the value of life and the importance of health. After the epidemic, people have higher requirements for food and health. In the past, people's understanding of health is based on "young, disease", but now more and more people begin to cultivate a healthy lifestyle, the era of national health is no longer an empty talk.

Among them, food is the most important, and a reasonable diet has become the most important part of a healthy life. In a fast-paced society, it is a great challenge for us to help people become more aware of healthy eating while reducing the time burden.

### Find the problem



### Solution

A supplemental shopping cart with intelligent diet assistance combines recipes with ordinary shopping carts to form a one-stop service system. Dedicated to make people in the process of food preparation, both convenient and healthy. By investigating people's inconveniences in preparing meals, we can understand the higher demand for healthy eating. The smart shopping cart is designed to help people choose their favorite meals at the scene of purchase, suggest appropriate intake and reference healthier nutrition ratios. In addition, Internet technology, interaction, sharing between shopping cart and mobile phone can be realized, and recipes recommended during shopping can be made at home, greatly improving the cooking efficiency. Helping people ensure the world reduce food waste and achieve sustainable human health by eating better.

(1) Recommend recipes that people like to eat. (2) Provides a reference to healthy nutrient ratios. (3) Cut stage appropriately dietary intake.



**Xiao Ting Zhong**

Student - Hubei University of Technology  
CHINA

DIETCART | 2021



### Vacancy App design concept

This app is mainly decorated in a closed glass-greenhouse that cannot be accommodated. The aim is to provide green space for people to live in. In the future, people have to live in a closed glass-greenhouse space to the green plant. This can solve the problem of two people's demand, and use the most primitive, most original basis to improve air quality, and residents can be more assured.

The space here is too bad, and harmful gases such as formaldehyde have significantly exceeded the standard. The space here is too narrow, the number of green plants is large, and the ventilation conditions are worsened.



Two different people put forward their own problems.



They reached an exchange agreement through Vacancy APP.



**Yuhan Xiao**  
Student - Industrial Design  
College of Hubei University of Technology  
CHINA

**Vacancy app**



**Krishna Kumar Yadav**

**INDIA**

**City.life | Wood Cut | 2022**

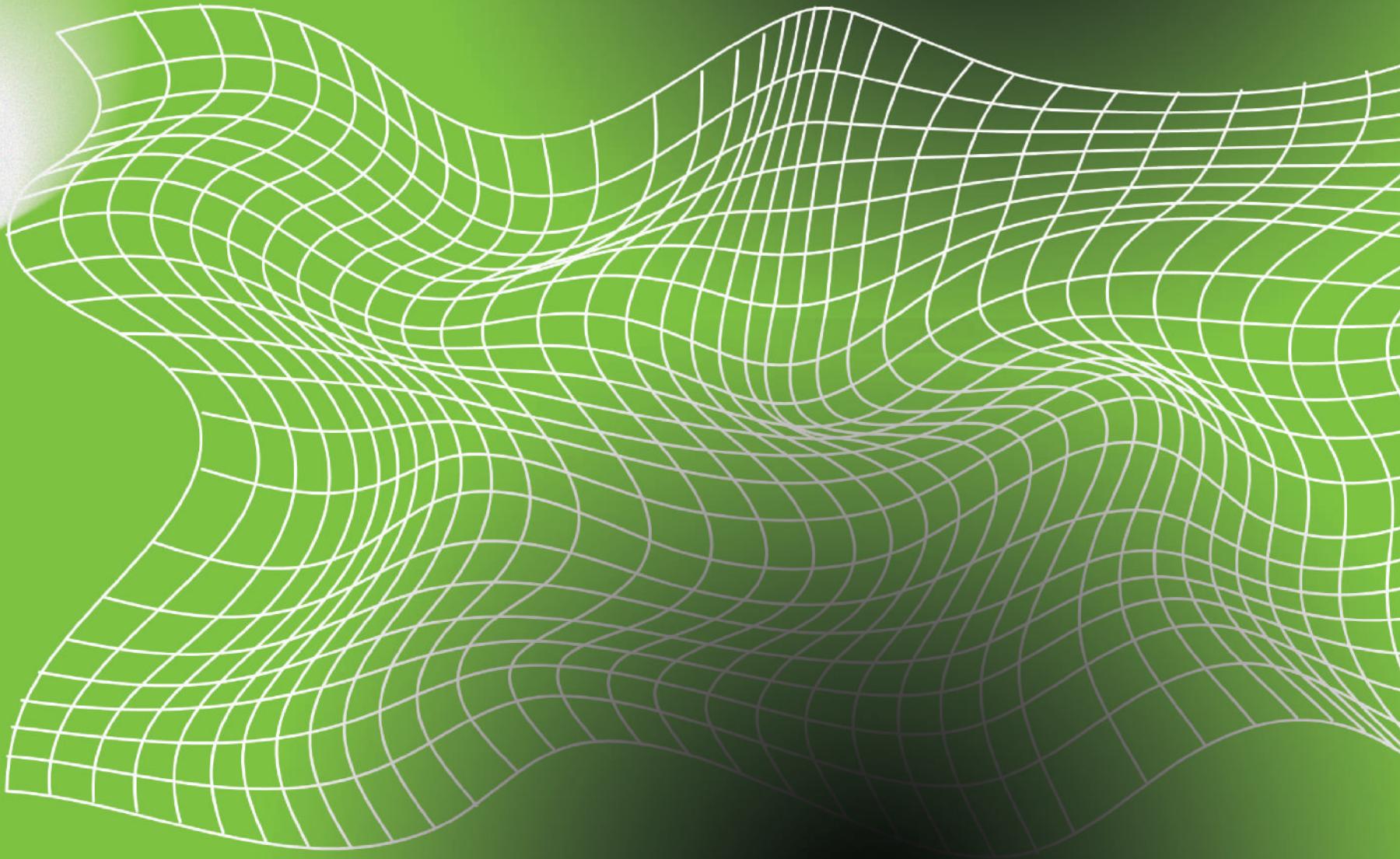
## List of participants | GRAPHIC DESIGN

Iosif Oprescu  
Sha Feng  
Claudia Feti  
Iosif Mihailo  
Cezara Pădurean  
Diana Andreeescu  
Corina Nani  
José Luis López Macías  
Iuliu Duma  
Monica Hudecz  
Sergiu Zegrean  
Ignác Szalay  
Ferenc Kiss  
Biró Ildikó  
Alexandru Jakabhazi  
Eniko Szucs  
Wang Qing  
Xiao Ting Zhong  
Yuhan Xiao  
Krishna Kumar Yadav

# PRODUCT DESIGN

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## DESIGN PRODUS





## STALKER

**Camil Octavian Milincu &  
Otilia Alexandra Tudoran**

**ROMANIA**

**Stalker chest of drawers** | Cabinet making | 2021

**Techne chest of drawers** | Cabinet making | 2022

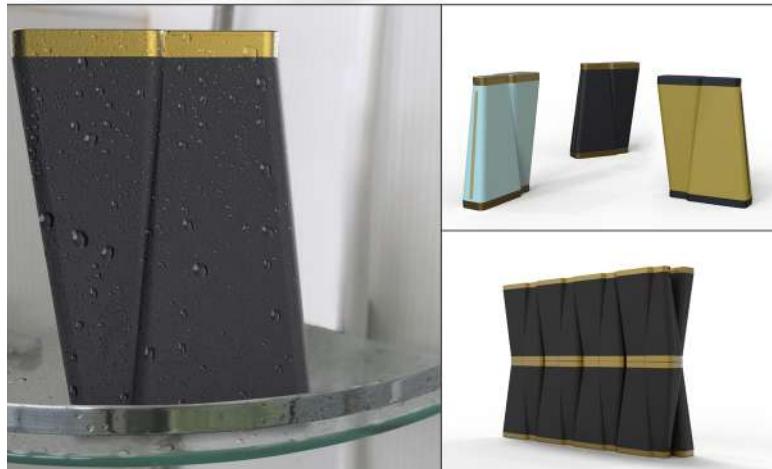


*Camil Octavian Milincu*

Assoc. Prof. PhD. - Faculty of Architecture and  
Urbanism, Timișoara

*Otilia Alexandra Tudoran*

Lecturer PhD. - Faculty of Architecture and  
Urbanism, Timișoara



## Alexandra Ghioc

Lecturer PhD.- George Enescu National University of Arts, Iași, Romania

**ROMANIA**

**Shampoo and conditioner eco-friendly single packaging | Concept | 2021**

## WINDCHARGE

### Problems:

The use of fossil energy will release a large amount of greenhouse gas CO<sub>2</sub>, threatening the global ecology

Most fossil energy sources will be exhausted within this century. Therefore, the development of clean renewable energy will be the direction of future development.



### Design description

My product name is Windcharge, which is a product that uses wind energy to generate electricity.

- This product is aimed at people who like to travel outdoors. Not only will it allow them to experience the convenience of clean energy when traveling outdoors, but it's also easy to assemble.

The material is made of lightweight plastic, which is easy to carry and can effectively take care of people who travel outdoors.



### Technology



This product technology, uses wind power generation technology to charging power supply power to supply power

The removable power bank in the middle of the product can be taken out to power electronic devices such as mobile phones.

### Material



This product is made of PBT plastic, which is less affected by the environment than other plastic materials.



The product itself is easy to disassemble, making it easy to carry on outdoor outings.

## Beiyuan Zhang

Product Designer  
**CHINA**

**WINDCHARGE**



**Chen Chen &  
Yixuan Zhang**

CHINA

Chen Chen

Graduate- Hubei University of Technology

Yixuan Zhang

Postgraduate- Hubei University of Technology

**Offshore oil spill collector**

**Extruded water purification plant**

**Fingertip Shaver**

## PRESSED WATER PURIFICATION

### Design instruction:

This product is a push-type water filter. When travelers finish drinking water in the wild, this device can be used to filter river water. The product consists of a plastic water storage device and a water purification device, which is convenient to use and can quickly filter water into drinking water by pressing the water storage device. The product is simple in shape and easy to carry, which is the best choice for traveling.

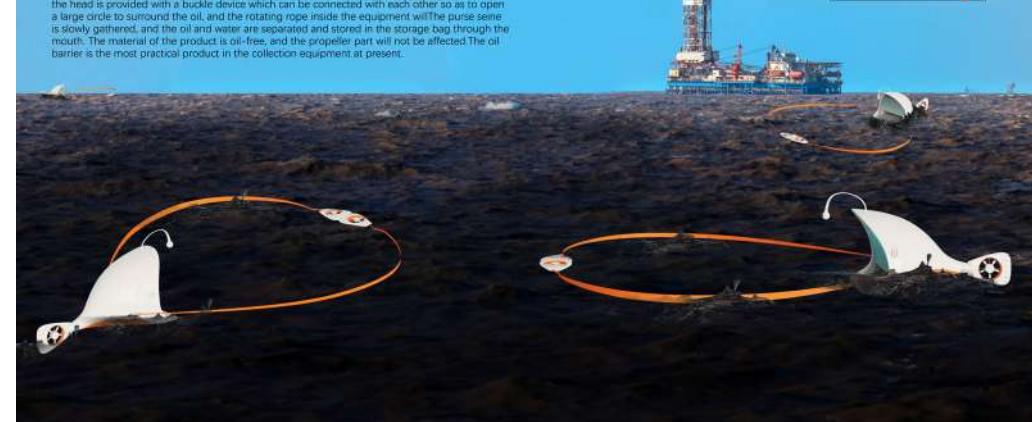


## OIL SPILL COLLECTION EQUIPMENT



### Design instruction:

This product is an oil collection device, and the product can reach the designated sea area for oil collection through the control device. The fins on both sides of the products is a propeller, and the head is provided with a buckle device which can be connected with each other so as to open a large circle to surround the oil, and the rotating rope inside the equipment will The pulse sense is slowly gathered, and the oil and water are separated and stored in the storage bag through the mouth. The material of the product is oil-free, and the propeller part will not be affected. The oil barrier is the most practical product in the collection equipment at present.



**Background**

Humanity perspective

Usually parents bring their children into nature and point to the flowers and animals to explain to the children: This is a morning glory, this is a butterfly... It seems that the child has memorized the names of many animals and plants and learned the knowledge. In fact, the child is more curious about the animals and plants, the story behind...

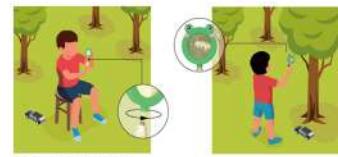
Technology, customization, and personalization of Generation Alpha's learning models will shift from a structured and audio-focused approach to engaging visualizations, gamification, and multidisciplinary experiences. Leveraging visual and hands-on learning requires a focus on experiential learning, such as delivering education with powerful visual aids.

**Instructions for use**

Cow perspective



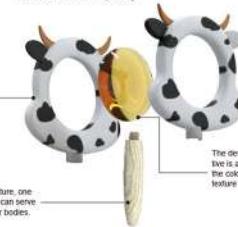
Children tend to ignore nature because of the toys in their hands

Children can choose the animal perspective they want and install it quickly  
Observing nature from the perspective of animals

Bee perspective



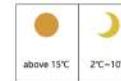
Environmentally friendly silicone material, more non-toxic and safe.  
Modular structure, one mirror handle can serve multiple mirror bodies.



**Danyi Ma**

**CHINA**

**ANIMAL EYE**

**Product Display**  
产品展示

above 15°C



2°C-10°C



generate heat

- 两个空室用于储存原料，上层为草料，下层为粪便。Two empty chambers for storing raw materials, the upper layer of grass and soil, the lower layer of manure.
- 不同的空间由隔板隔开，反应物可以通过拉出隔板来混合。Different spaces are separated by partitions, and the reactants can be mixed by pulling out the partitions.
- 透明窗口，用于观察堆肥进度和肥料量。打开以通风。Transparent window to observe composting progress and fertilizer volume. Open for ventilation.
- 肥料生产区，动物粪便和草料混合产生热量。Fertilizer production area where animal manure and forage soil are mixed to generate heat.

**Function Introduction**  
功能演示

**HanFei Zhang**

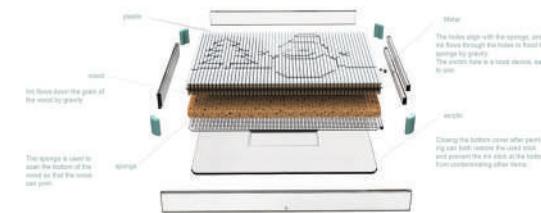
**CHINA**

**Fermentation heat furnace/fermentation** | 2022



#### Design description

Blind children rely on their imagination and sense of touch to draw unique shapes on the board. This product can help blind children learn the art of ordinary people, which is a pity. Blind and visually impaired children are also eligible to study the arts.



#### Steps for usage



## Jiawen Cheng

CHINA

Student- Hubei University of Technology

### DRAWING BOARD FOR THE BLIND

#### Problem

Blind children rely on their imagination and sense of touch to draw unique shapes on the board. This product can help blind children learn the art of ordinary people, which is a pity. Blind and visually impaired children are also eligible to study the arts.



Blind and visually impaired children need a natural channel of communication so that they can build up their self-confidence. Can communicate equally with others. Ordinary people need to understand the needs of blind children, train themselves and communicate with jet.



## ATTRACT TOY

GARBAGE CLASSIFICATION TOYS FOR CHILDREN



Playtime: 1-5 Minutes Number of players: 3-6



ATTRACT TOY is a garbage classification-based children's toy, which creates a variety of environments that let children play the process of garbage sorting knowledge. Create multiple fun in the way of sucking. At the same time, the main material is corrugated, low cost, and the game is diverse. Bring you more meaningful life experience.

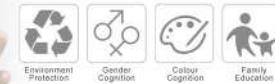
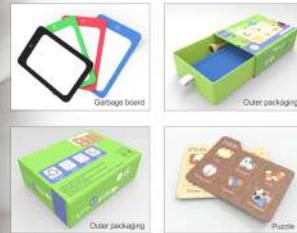


DIAGRAM OF EACH COMPONENT



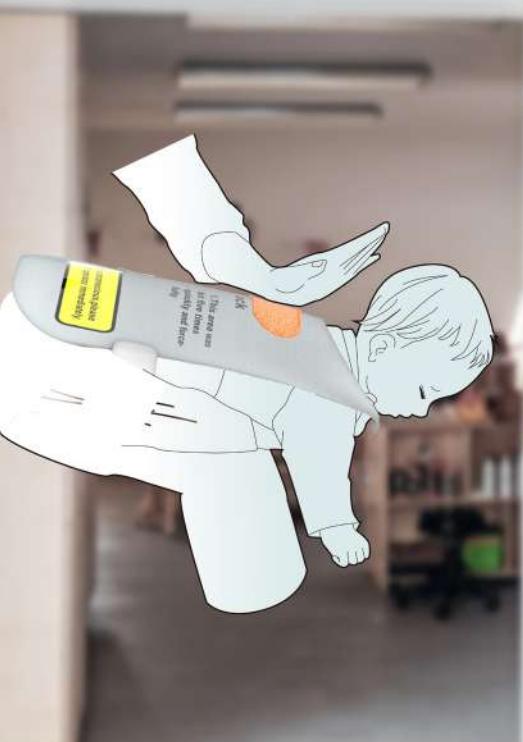
Lan Li

CHINA

Graduate- Hubei University of Technology  
ATTRACT TOY | 2022

Student- Hubei University of Technology

### DRAWING BOARD FOR THE BLIND



## Lianyu Fan & Xiaobo Li

CHINA

Students - Hubei University of Technology  
BATTLE UNIFORM | 2021

### Battle Uniform

#### Heimlich Vest

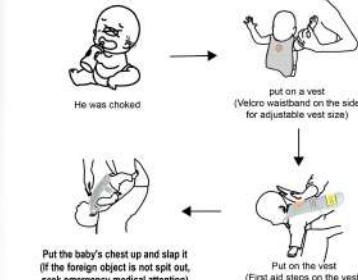
This Heimlich emergency vest is specially designed for babies. With this vest, one can save babies under the age of one by the Heimlich method in an emergency. People only need to press the orange part on the clothes according to the tutorial on the clothes. If the baby does not get better after being pressed five times in a cycle, emergency medical attention is required.

#### Problem



Many parents do not know the correct first aid method for their child to choke, and the dying of the child makes many parents overwhelmed.

#### Steps for usage



#### Scenes to be used



The tutorial on the vest will guide parents to use it, as shown in the picture



## Warning Label

Warning Label refers to the time Label of the drug

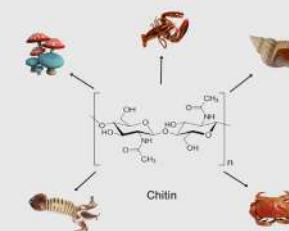


## Degradable kid's Toys

— Chitin Children's Rocking Chair Design

#### Design Notes

Ecological issues have attracted more and more attention from all walks of life. People have changed the way of thinking from the results, and changed the materials used in production from the source. With the development of science and technology, biological materials have gradually entered the design stage, and chitin has gradually been accepted people's attention. Children's products consume a large amount, are updated quickly, have high requirements on materials, and are required to be non-toxic and pollution-free. Biological material - chitin itself has the characteristics of wide source, safe, non-toxic and degradable, which just meets the material requirements of children's toys.

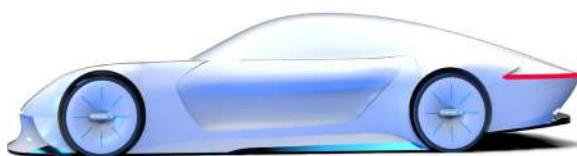
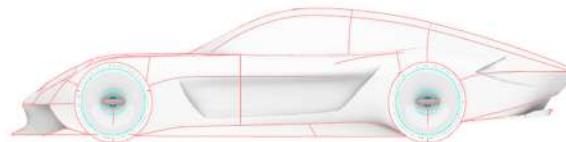
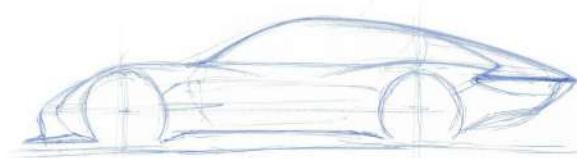
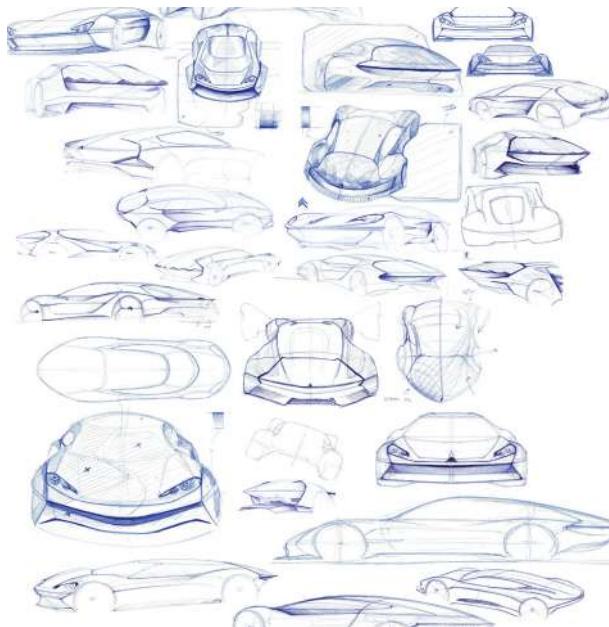


## Qi Shao

CHINA

Graduate - Hubei University of Technology  
WARNING LABEL | 2022

DEGRADABLE KID'S TOYS | 2022



*Product designer,  
Phd. Faculty of  
Arts and Design/  
West University  
of Timisoara*

## Musta Marijus

SERBIA

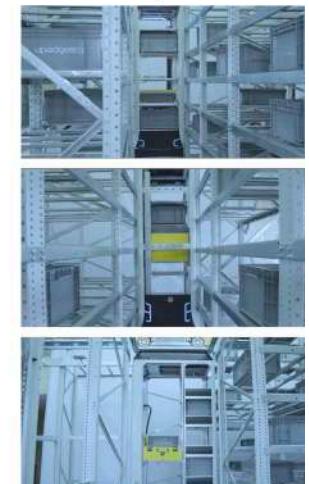
Citroën Electric  
Car 2022 | Digital  
art - Three  
rules: sketching,  
3D design,  
rendering | 2021

Shi Qi

*Industrial Design  
teacher at Hubei  
University of  
Technology  
Director of Hubei  
University, Wisconsin  
State University  
of Technology  
Cooperative Education*



Photo of running status:



Shi Qi & Liu Peiheng  
CHINA

ASR OMNIDIRECTIONAL CASE PICKING ROBOT

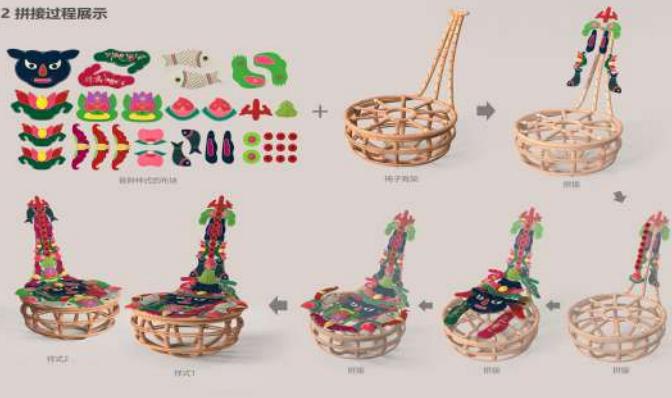


#### 1 研究背景

##### 传统手工艺振兴

中国传统手工艺设计的一个分支，也是非遗体系中的一部分。传统手工艺是一门集实用性与艺术性于一体、融合视觉与触觉的综合艺术。随着时代的进步和科技的发展，传统的手工艺面临着前所未有的挑战。如何在传承传统手工艺的同时，结合现代设计理念，赋予其新的生命力，是当代设计师需要思考的问题。

#### 2 拼接过程展示



**Min Li & Wenfeng Chen**

**CHINA**

**Min Li**

Teacher- Product Design Department of Hubei University of Technology School of Art and Design  
Wenfeng Chen

Graduate- Hubei University of Technology

**MORTISE AND TENON**

**Feng Zitong & Xiaobo Li**

**CHINA**

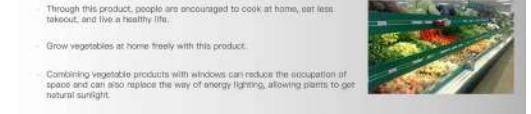
Students- Hubei University of Technology  
**PLANTING CASEMENT | 2022**



#### problems:

- Today, with the development of take-out services, people are increasingly relying on home-delivered take-out instead of making fresh things at home.
- In the era of epidemic, it is more inconvenient for people to go out to buy food than usual.
- Many indoor vegetable growing products take up a lot of space and are not suitable for most people.

#### solutions:



#### Using Process:



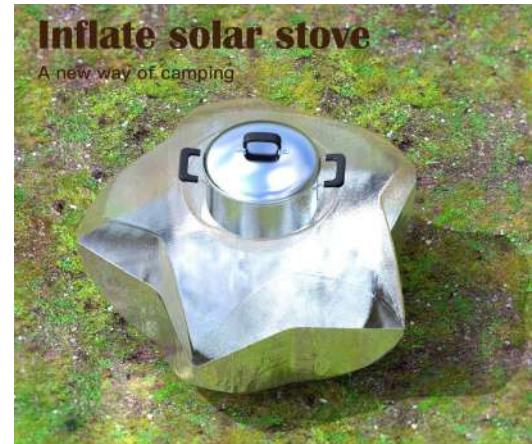


## Maurice Kwok & Steve Yeung

CHINA

Co funders INSPHERE LTD./Winners of more than 20 international design awards/ Specialized in developing, consumer electronics, internet of things and public furniture

**GAZZEN** | Handmade Cement | 2021



## Inflate solar stove

A new way of camping

**Problem:**  
Using a campfire for cooking or heating during a picnic can easily start a fire. Moreover, the gases produced by the fire when it burns are harmful to both the human body and the environment.



**Solution:**



Put a pot on it and you're ready to cook.



The interior can be used to boil water while food is being heated on it.



The interior can be used to store water, and it can also be used to sterilize water.



**Socially friendly:**  
This way saves labor. No need to chop wood to make a fire, just unfold it. It also saves space and time.

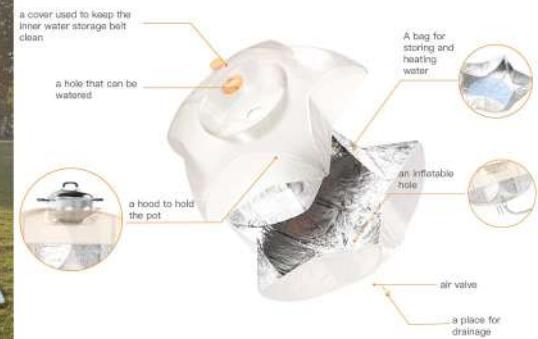
**Benefit:**

**Environmentally friendly:**  
The use of clean energy not only reduces the harmful gases caused by combustion, but also eliminates the safety hazards caused by fire.

**Economically friendly:**  
You don't have to spend money to buy or use any kind of energy. It can be used wherever there is sun.



**Structure:**



**Instructions for use:**



1. Expand the Inflatable solar stove.



2. Inflated it from the air intake hole at the bottom to let it inflate.



3. Put stones under it to prevent it from falling side-to-side.



4. Pour water from the hole above.



5. Place a pot in the depression on top. Put the whole product out in the sun and wait.



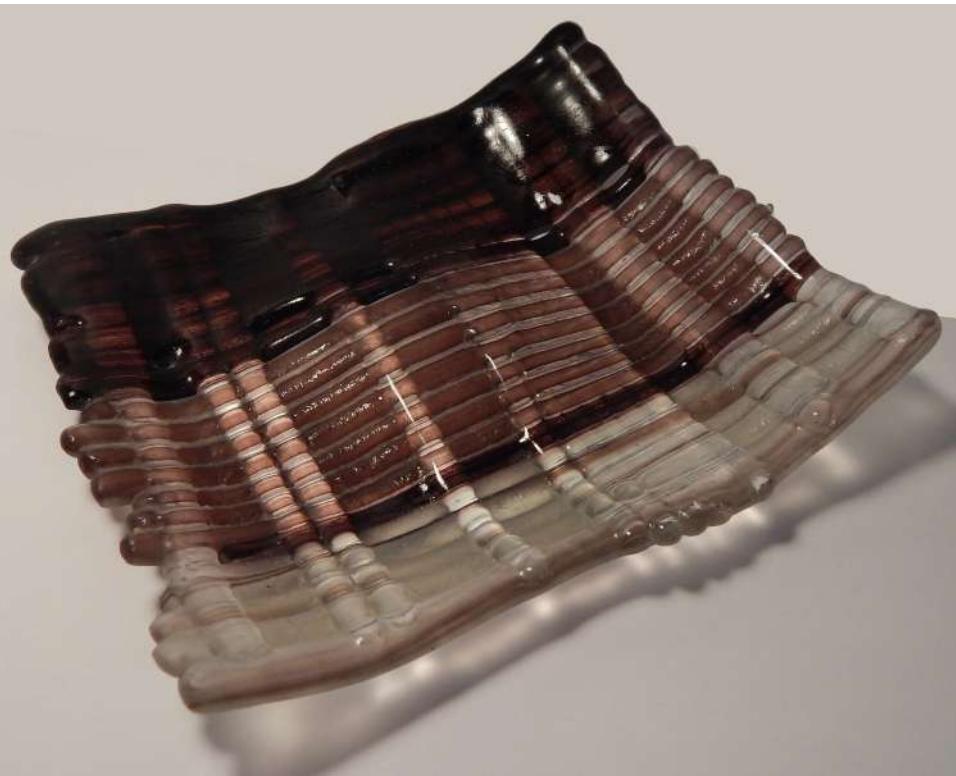
6. Open the stopper below to allow water to flow out and be used.

## Yidi Bai & Wang Sicheng

CHINA

**INFLATE SOLAR STOVE |**

**SUNLIGHT REFLECTION | 2022**



**Maria Pantur**

ROMANIA



**Peng Bincong**

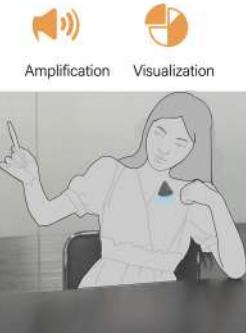
CHINA

*Graduate School of China University of Geosciences*

**Reunion** |3D printing| 2022

## Meeting Companion

a small electronic device that helps women increase their participation in meetings.



**Design description**  
"Meeting Companion" is a small electronic device that helps women increase their participation in meetings. On the one hand, it can help women to increase their volume. When her speech is interrupted, it can light up a light with three taps to remind others of rude behavior. On the other hand, the light colors can be used to visualize how long does male and female speak in the meeting, and women are encouraged to express themselves in meetings.

Not only can help women better in meetings, but it can also help companies balance the ratio of men and women in decision-making, optimize the direction of decision-making, and maximize the benefits of the organization.

- When the volume is less than 50 decibels, it will be automatically adjusted to 70 decibels.
- The longer the average female speaking time, the more blue the light tends to be, otherwise the more pink it is.



Timer



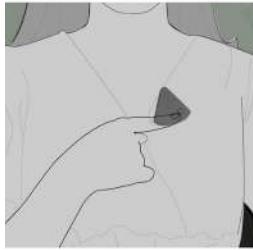
Reminder



Data feedback



Date highlights



- Press the button once to automatically accumulate female speaking time.
- Press the button twice to automatically accumulate female speaking time.
- Press the button three times and the light at the bottom flashes to remind others not to interrupt or need to speak.



- The boss can regularly receive data feedback reports and adjust the strategy in real time.

## Shiyue Dai & Beixi Shen

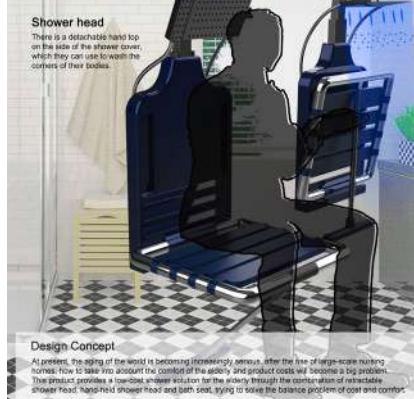
CHINA

Students- Hubei University of Technology  
MEETING COMPANION



## Old man's bath buddy

Sitting bath chair used in the nursing home



### Design Concept

At present, the aging of the elderly is becoming increasingly serious, after the elderly people are old, the shower head is not suitable for the comfort of the elderly, and product costs will become a big problem. This product provides a low-cost and easy solution for the elderly through the combination of retractable shower head, hand-held shower head and bath seat, trying to solve the balance problem of cost and comfort.

### Product structure and use



## Wang Haonan & Xu-Shengtao

CHINA

TRAFFIC LIGHT REMINDER  
OLD MAN'S BATH BUDDY

## Assisted Standing Walker

**Problems**

I. Sitting in a wheelchair for long time may lead to disturbance of blood circulation. At the same time, it is difficult for a person to complete the stretching action to relieve fatigue.

II. When you walk or stretch for rehabilitation exercises, it makes it difficult to exert force in the legs and to overcome the psychological obstacles to walking.

**Solution**

It is difficult to take things that are placed in high places when a wheelchair user is sitting in a wheelchair. This design retains the original function of the wheelchair while adding the assistance of stretching and standing. When the central axis of the wheelchair is turned out, it can make a standing and stretching action easier and effectively relieve the lack of exercise. This design can also provide convenience for wheelchair users in their lives.

**Use process**

The use process involves the user sitting in the wheelchair, then pushing a button or lever to extend the mechanical linkage, which then allows the user to stand up and perform stretching exercises.

**Details**

With the support of the exoskeleton, it is very easy for wheelchair users to carry out rehabilitation exercises. The design of one-piece wheelchair exoskeleton facilitates the rehabilitation and life of wheelchair users.

**Shize Wei**

**CHINA**

**ASSISTED STANDING WALKER**

**ENERGY CONVERTED**

*Graduate- Hubei  
University of  
Technology*

## ENERGY CONVERTER

**PROCESS**

The spherical water reservoir is easy to roll and also generates electricity through friction. During the rolling process, the inner layer(PTFE) and the outer layer(Silicon) generate triboelectric power when the water is swaying. At night, the central axis can be taken out and used as a lighting fixture. This central axis stores the electricity generated by friction during the day.

**DESIGN DESCRIPTION**

In the water-scarce Africa, people often have to walk dozens of kilometers to fetch water, and even some children do it to survive. This design can relieve the fatigue of African people fetching water from long distances and can store electricity during the day for use at night. This design changes the shape of the previous water tank so that the water tank can roll on the ground. In the process of walking, the swaying water can drive the spheres to rub against them to generate electricity and store it. This electrical energy can be used at night. The materials used in triboelectric power generation are Silicon and PTFE, which are low-cost, stable in output, high in energy conversion rate and environmentally friendly.

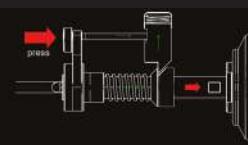
**DETAIL**

This design is mainly composed of three parts, namely the central axis, the inner sphere and the outer sphere. There are storage battery and LED lights on the central axis, which can collect electrical energy during frictional generation during the day and convert it into light energy at night, which can be used as lighting. These two ropes are connected to the central axis for pulling the water tank. The inner sphere and the outer sphere are respectively affixed with PTFE and Silicon films at the contact points, which cause electron transfer and friction to generate electric energy during the friction process, and the electric energy is collected by the electrical conductor and the storage battery at the same time. In addition, it is also possible to use crop products as a medium for friction that are easily made in remote areas.

## Flood Self-Rescue Lifebuoy

### Design Notes

Flood zones and people are hit by the floods and can't control their bearings. Even if there is a lifebuoy, it cannot control its own movements, so this design adds a grapping hook on the basis of the lifebuoy. Press the button to drive the spring mechanism to activate the grapple. Refugees can follow the slope when the grapple is fastened to a building or stone.



### Detail Image



## Wenfeng Chen

CHINA

Graduate- Hubei University of Technology  
Flood Self-Rescue Lifebuoy Force| 2022

## Xiaobo Li & Feng Zitiong

CHINA

Students- Hubei  
University of  
Technology  
iQuit|2022  
Touchable Date  
| 2021



### Solved problem

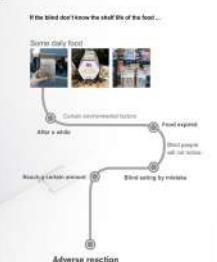


## Touchable Date

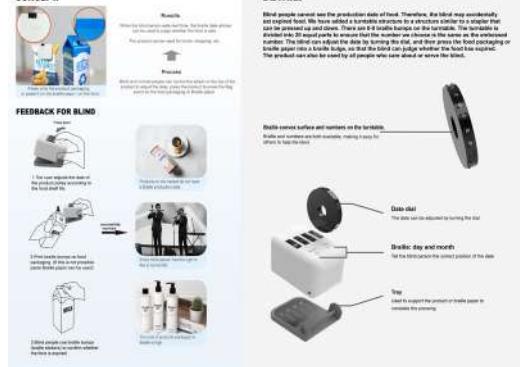
Avoid blind people from eating expired food without knowing it.



### PROBLEM.



### CONCEPT.



## INTELLIGENT FIRE RESCUE TRUCK

Real-time monitoring and positioning fire extinguishing



### USE PROCESS:



### The design highlights:



Your entry  
350-3400/14  
08 Industry,innovation + Infrastructure

Concept  
INTELLIGENT FIRE TRUCK

Students  
JingAing Wu  
Yapei Hao  
Xiang Zhang  
YanTing Wu  
  
University  
Hubei University of Technology  
Hubei / China  
Industrial design engineering



## Yapei Hao

CHINA

Student - Hubei University of Technology

**INTELIGENT FIRE RESCUE TRUCK** | smart robo | 2021



Your entry:  
S10438  
Industry, Innovation and Infrastructure

Concept  
Toolbox Truck



Your entry:  
S10438  
Industry, Innovation and Infrastructure

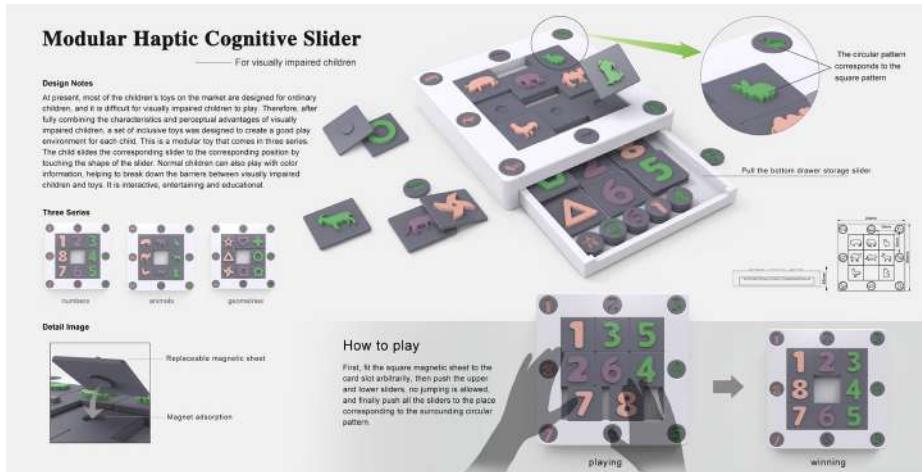
Concept  
Toolbox Truck

Students  
Zhang Xiwang  
Bei Han  
Zheng Mingyeng  
Hao Yapei  
  
University  
Hubei University of Technology  
Wuhan  
Institute of Industrial Design

## Zhang Xiwang

Student - Hubei University of Technology  
CHINA

**TOOLBOX TRUCK** | remote technology | 2021



## Ying Zou

CHINA

Graduate- Hubei University of Technology  
MODULAR HAPTIC COGNITIVE SLIDER | 2022

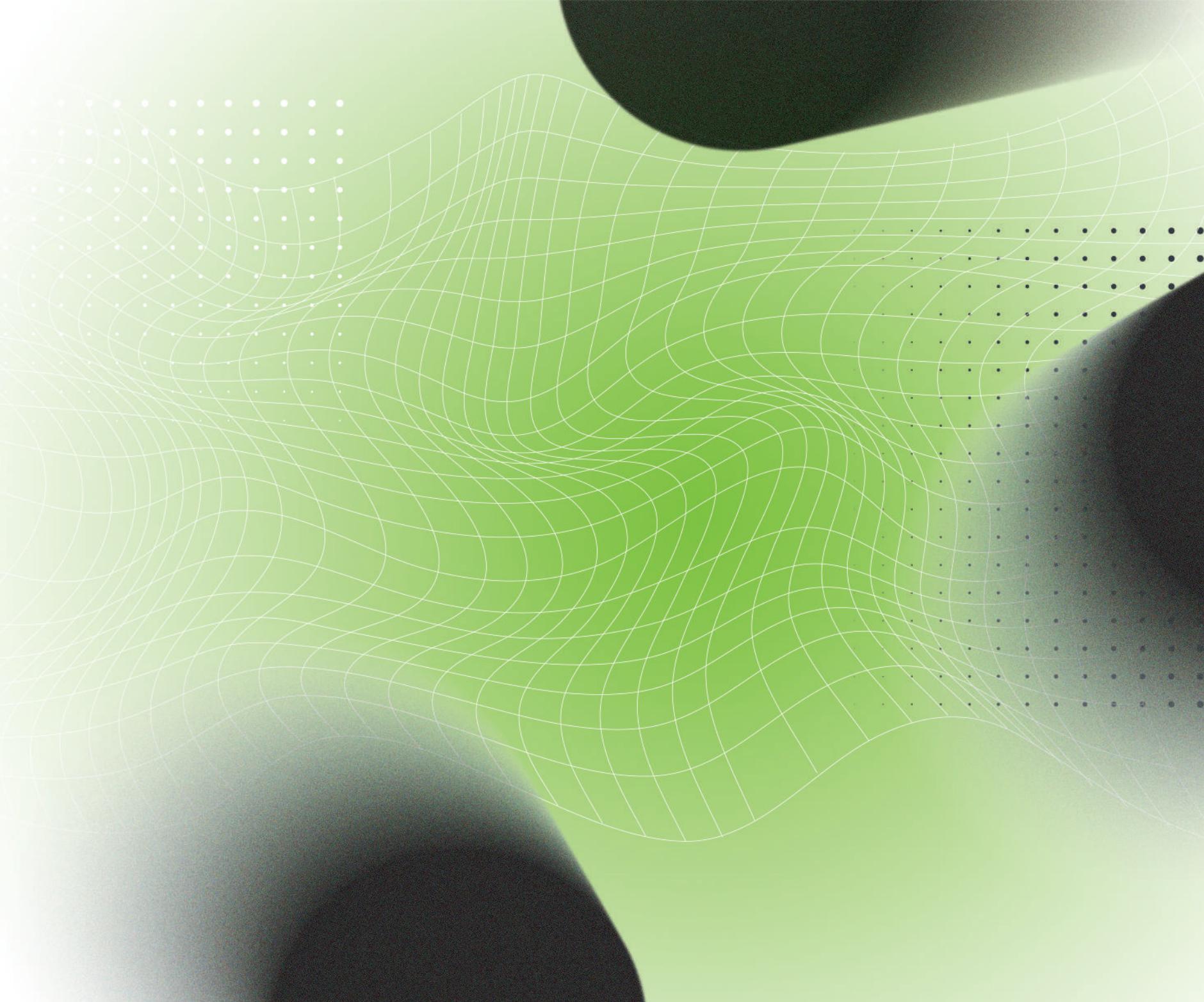
SEE WITH HANDS | 2022

## List of participants | PRODUCT DESIGN

Camil Octavian Milincu &  
Otilia Alexandra Tudoran  
Alexandra Ghioc  
Beiyuan Zhang  
Chen Chen & Yixuan Zhang  
Danyi Ma  
HanFei Zhang  
Jiawen Cheng  
Lan Li  
Lianyu Fan & Xiaobo Li  
Qi Shao  
Musta Marijus  
Shi Qi & Liu Peiheng  
Min Li & Wenfeng Chen  
Feng Zitong & Xiaobo Li  
Maurice Kwok & Steve Yeung  
Yidi Bai & Wang Sicheng  
Maria Pantur  
Peng Bincong  
Shiye Dai & Beixi Shen  
Wang Haonan & Xu-Shengtao  
Shize Wei  
Xiaobo Li & Feng Zitiong  
Yapei Hao  
Zhang Xiwang  
Ying Zou

**JEWELRY & ACCESSORIES**

**DESIGN BIJUTERIE SI ACCESSORII**





## Alexandru Bunii

**ROMANIA**

Lecturer. PhD. - Faculty of Arts and Design/  
West University of Timisoara  
Awarded designer: "Mikimoto 2000 Young Designer  
Awards", NY, USA

**Input generate design execute | CAD | 2022**



## Duan Yike

**CHINA**

*Jewelry designer*

**Cocoon** | 3D print all transparent resin



**Shanyue Gao**

**CHINA**

Graduate- Jewelry College of China  
University of Geosciences  
Like a bird cross the sky



**David Loo & Mai Keong**

**MALAYSIA**

Product Designer & Jewelry Designer  
Geometrical | Hibiscus bagle | Hibiscus ring

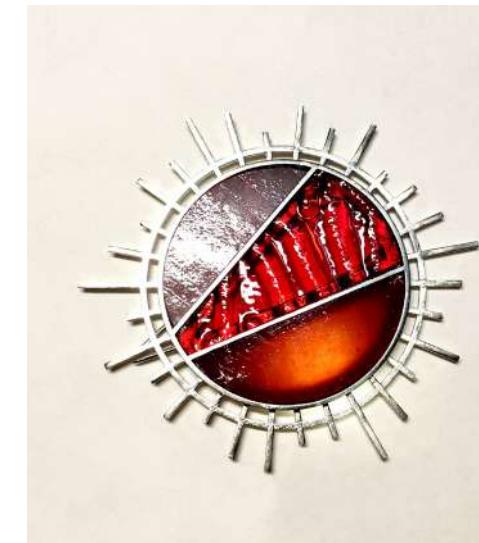


**Han Yang**

**CHINA**

*Jewelry Designer*

**Ascension after suffering** | Titanium Jewelry | 2022



**Hu Yifan**

**CHINA**

*Graduate- Jewelry College of  
China University of Geosciences*  
**MEMORY**

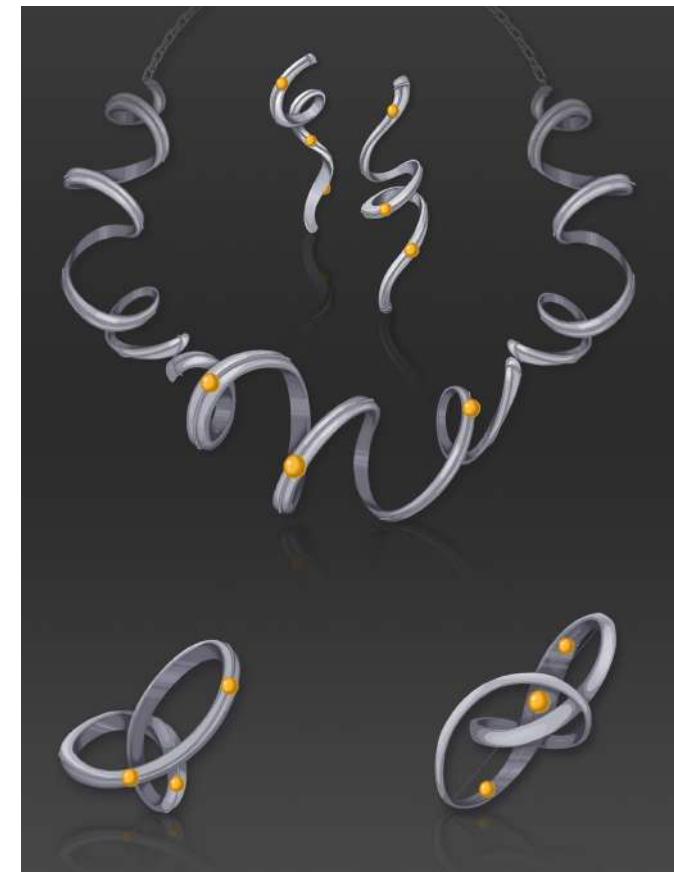


**Huang Lin**

**CHINA**

*Postgraduate- Gemmological Institute,  
China University of Geosciences*

**LOVE NEVER FAILS | SILVER | 2022**



**Li Jiahui**

**Xiantao City, Hubei Province**

**RELEASE**



**Chau Wai Chung**

HONG - KONG

KEY TO UNIVERSAL



**Li Wenxuan**

BEIJING

*Graduate*

*Beijing Institute of Fashion Technology*

**Overlap Butterfly**



## Cheng Ziyi

CHINA

**Death** |Epoxy resin process| 2021



## Shaokun Zhang

CHINA

*Postgraduate*  
*China University of Geosciences*  
**Fetter** |3Dprinting| 2020



**Wan Zihan**

CHINA

Postgraduate- China University of Geosciences  
**Bloom** |3d printing| 2020



**Wang Dajiang**

CHINA

Graduate- China University of Geosciences  
**Instrument Rhyme-New Language**

|3d printing| 2021



**Wang Qing**

CHINA

*Graduate- China University of  
Geosciences*

**Mammary Gland** |3D printing| 2021



**Wang Xinyu**

CHINA

*Postgraduate- China University of  
Geosciences*

**Ambilight** |Acrylic molding| 2018



## Xinyi You

CHINA

Student- China University of Geosciences

**BRAIN REPAIR**



## Yan Pan & Jingjie Wang

CHINA

Founder of Py design studio/Jewelry designer  
Graduated from Shenzhen, studied MBA at Tsinghua University. Studied innovative design thinking at Stanford University

**Jade Rabbit** | Jade carving | 2022

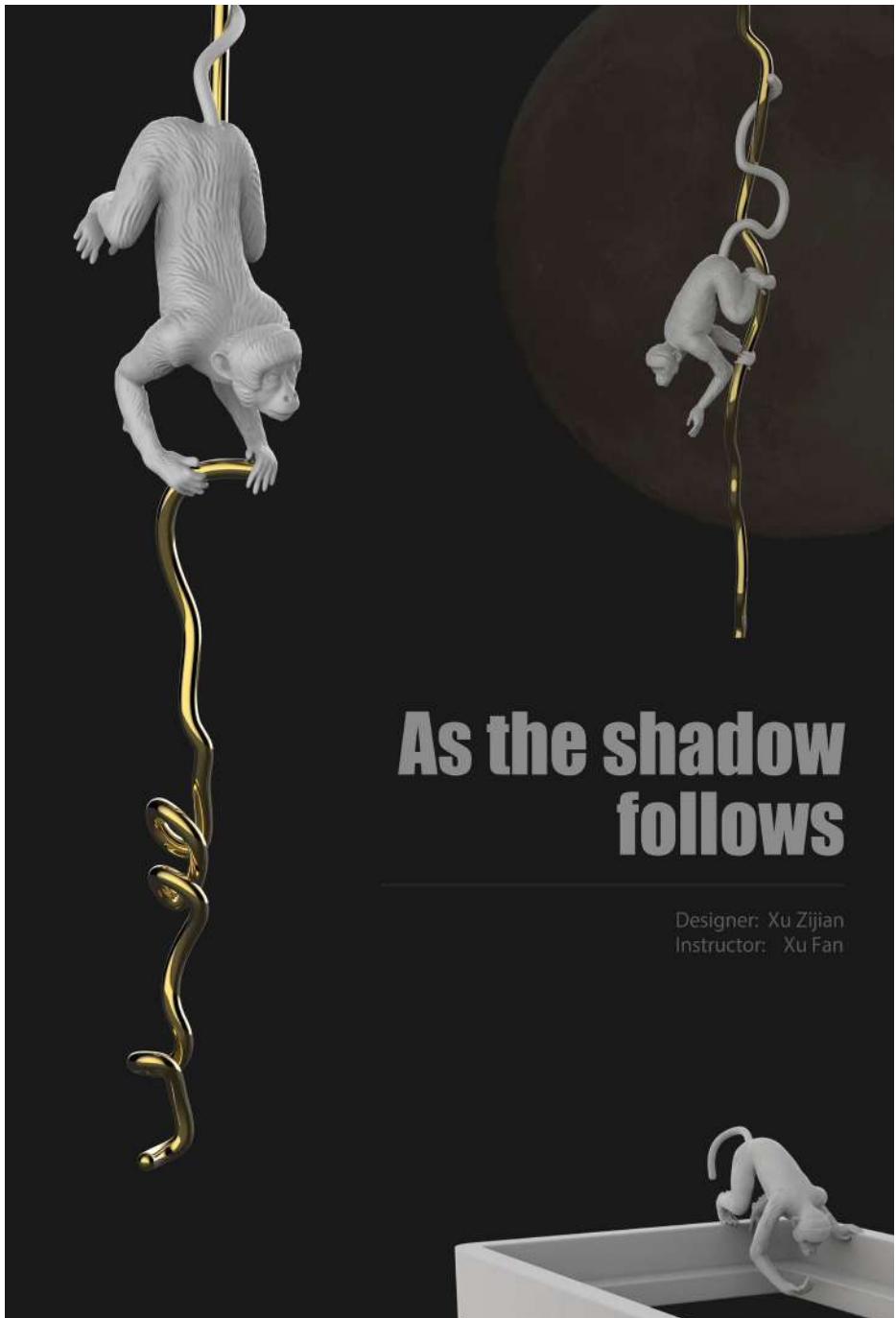


## Xu Jingjing

CHINA

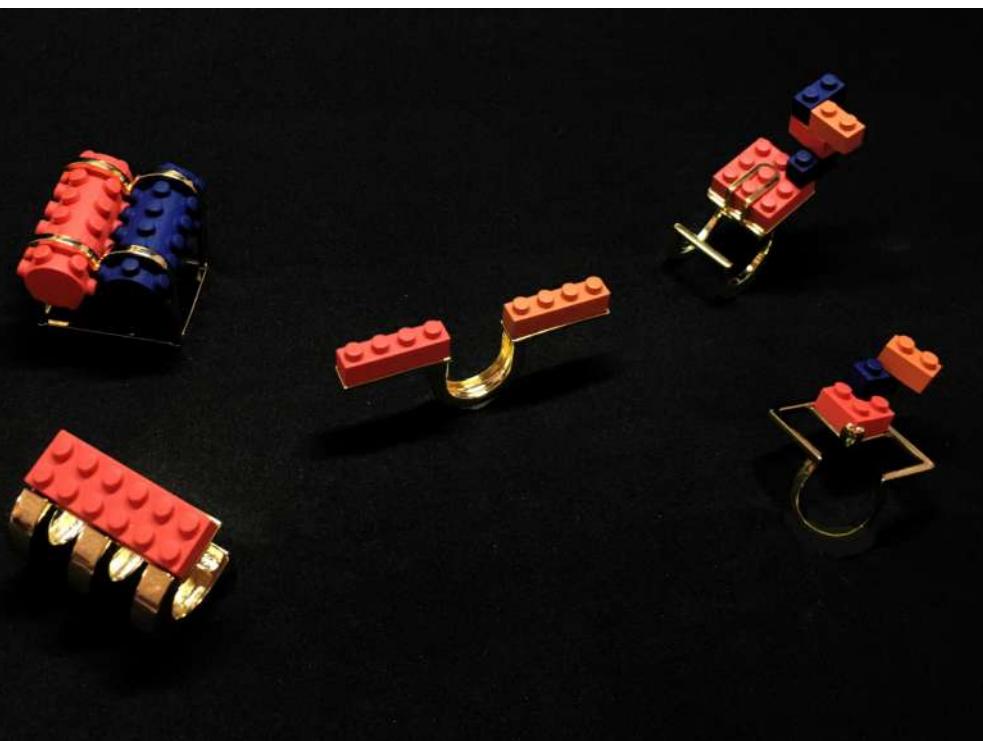
Graduate- China University of Geosciences  
**Drink together**





Xu Zijian  
CHINA

AS the follow Shadow



## Chupei Huang

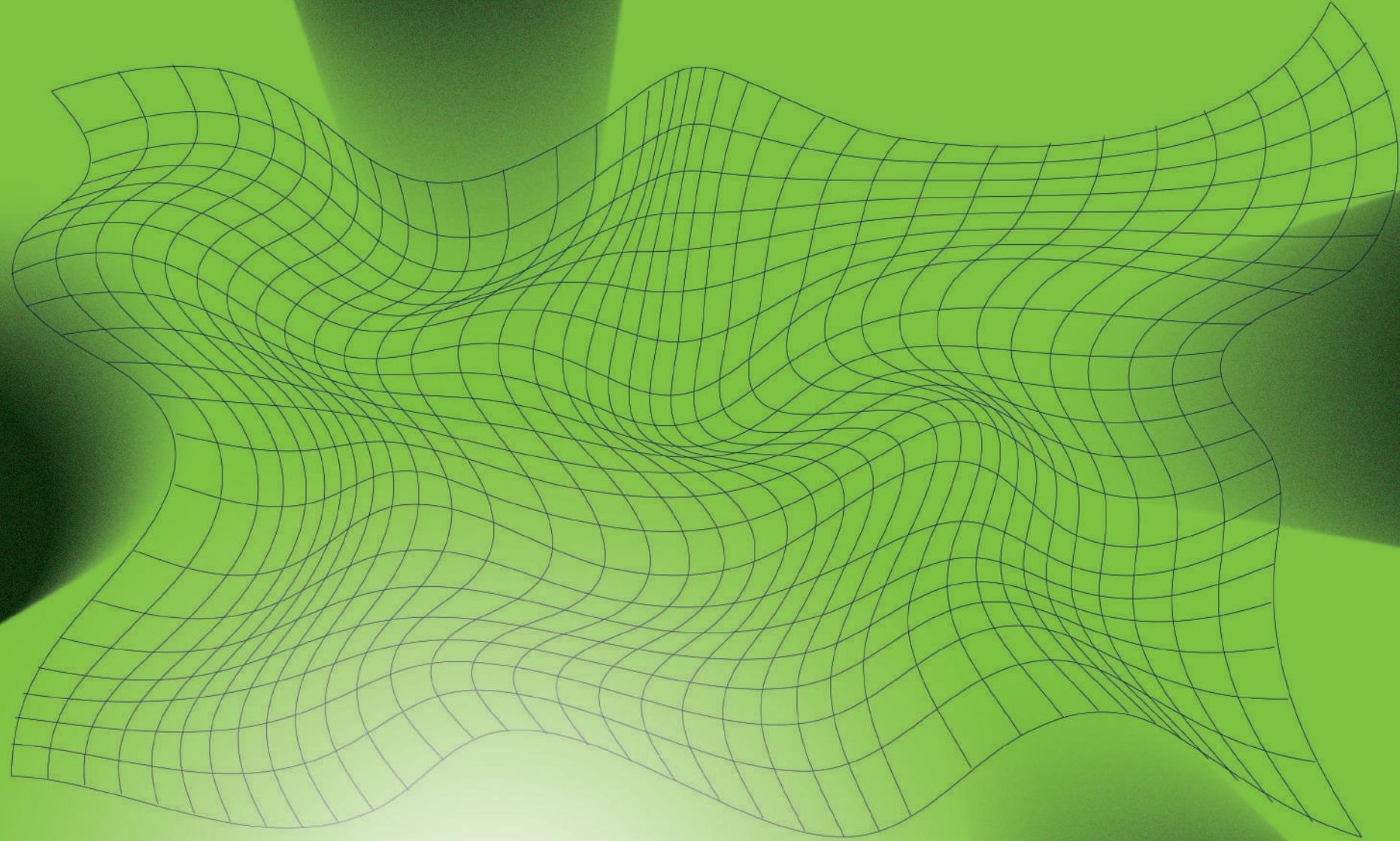
CHINA

SPELL | Jewelry 3D Modeling

## List of participants | JEWELRY & ACCESSORIES

Alexandru Bunii  
Duan Yike  
Shanyue Gao  
David Loo Wai Keong  
Han Yang  
Hu Yifan  
Huang Lin  
Li Jiahui  
Chau Wai Chung  
Li Wenxuan  
Cheng Ziyi  
Shaokun Zhang  
Wan Zihan  
Wang Dajiang  
Wang Qing  
Wang Xinyu  
Xinyi You  
Yan Pan & Jingjie Wang  
Xu Jingjing  
Xu Zijian  
Chupei Huang

**INTERIOR DESIGN**  
**DESIGN AMBIENT**

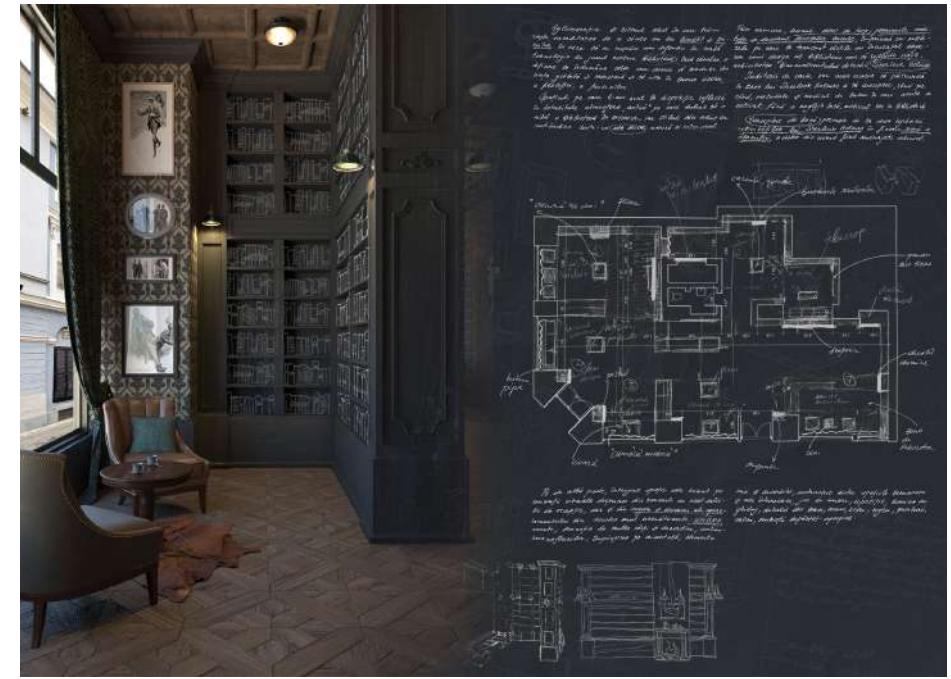




## Doina Brodesco

**ROMANIA**

*Student- Faculty of Arts and Design/  
West University of Timisoara, Romania  
Sherlock Holmes's library | Rendering | 2022*





## Andreea-Maria Demeter

**ROMANIA**

*Student- Faculty of Arts and Design/  
West University of Timisoara, Romania  
Forest in library | Rendering | 2022*



**Bianca Mic**  
**ROMANIA**

*Research Assistant- Faculty of Arts and Design/ West University of Timisoara  
Ph.D. Student and Interior Designer  
Ambient expressions  
| 3D modeling and rendering | 2022*



## Raluca Sita

ROMANIA

Psychiatric Office | 3D project and renders | 2021



Lecturer Ph.D. - Faculty of Design/  
Aurel Vlaicu University  
Interior Designer



## Andreea Ferențiu

**ROMANIA**

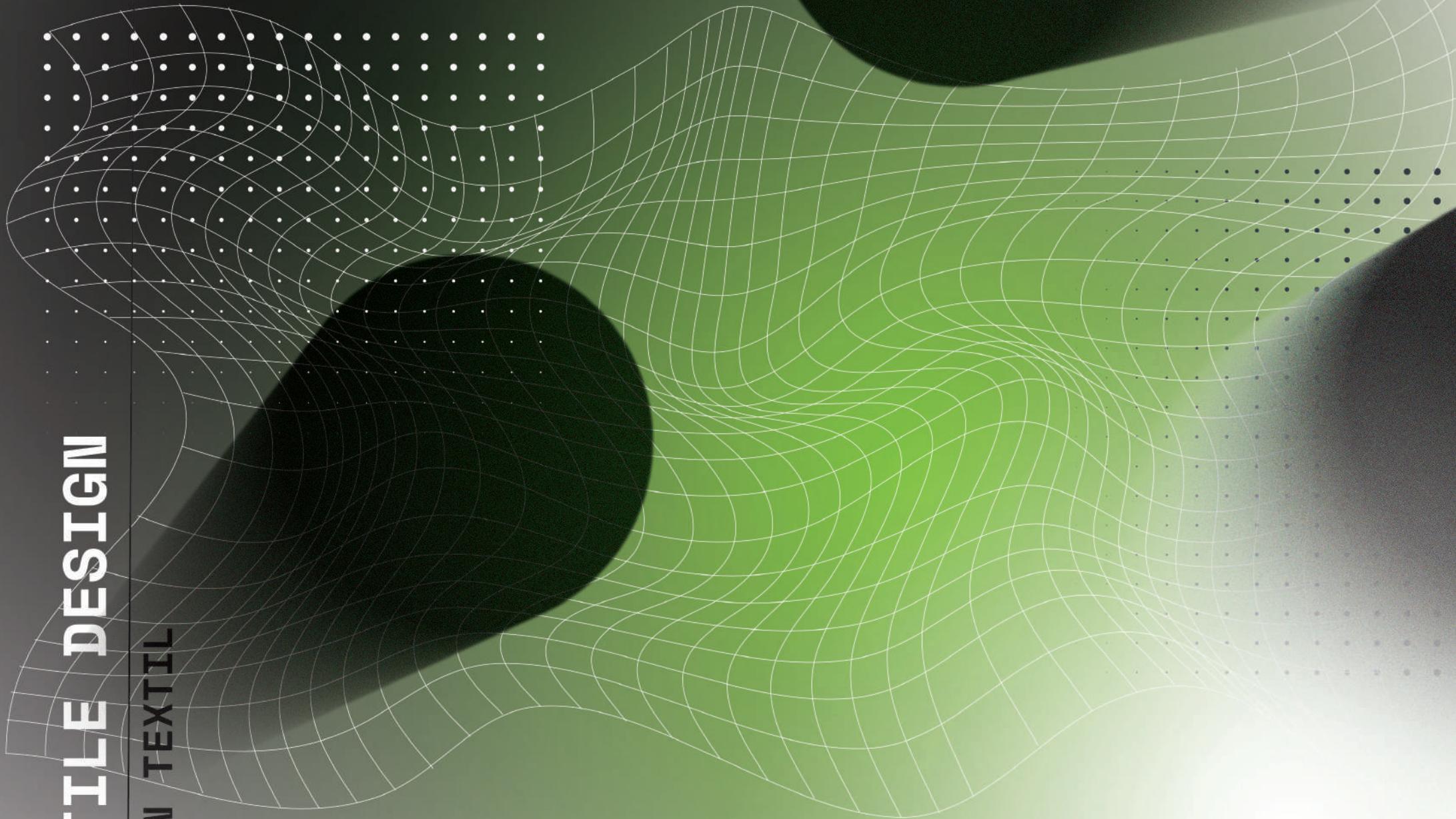
*Student - Faculty of Arts and Design/  
West University of Timișoara, România*  
**Botanical Park Exploration Route |**  
3D modeling and rendering | 2022

## List of participants | INTERIOR DESIGN

Doina Brodesco  
Andreea-Maria Demeter  
Bianca Mic  
Raluca Sita  
Andreea Ferențiu

**TEXTILE DESIGN**

**DESIGN TEXTIL**





## Csilla Manolatos

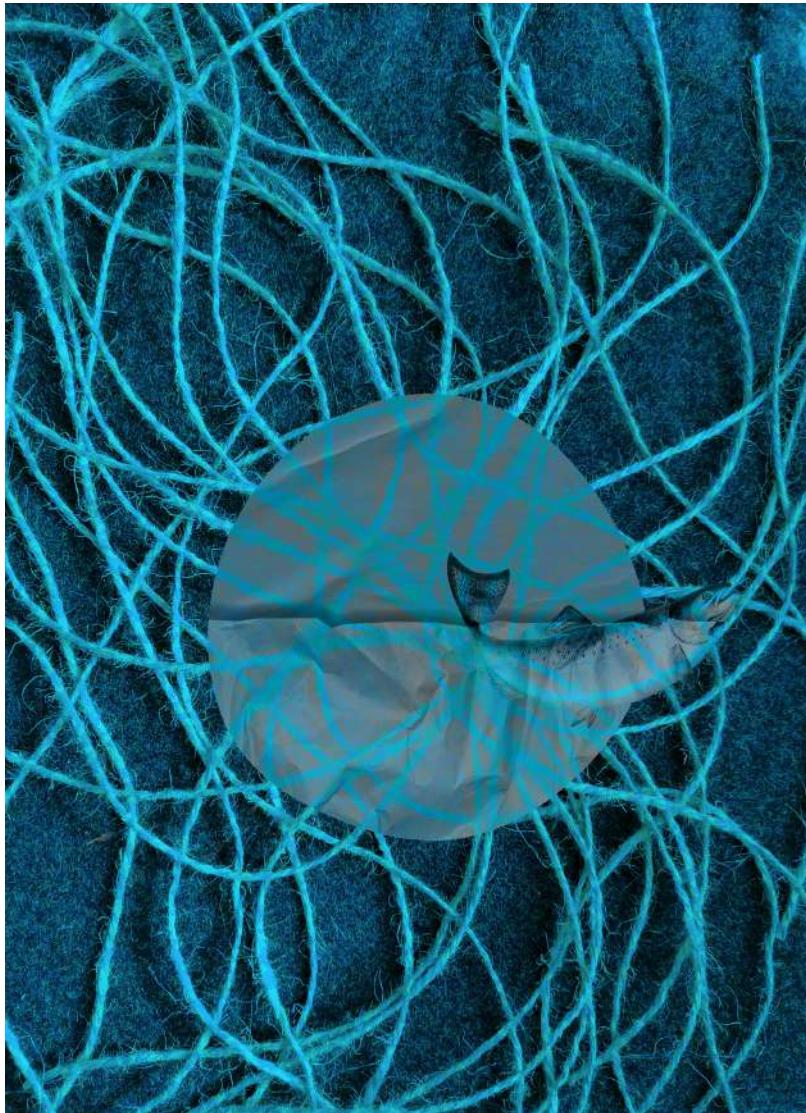
**ROMANIA**

*Freelancer/visual artist*

**With bun** | Wet felting | 2021

**Snow with golden sparkles** | Wet and Nuno felting | 2021

**Coif with metal inserts** | Wet and Nuno felting | 2020



## Eugenia Riemschneider

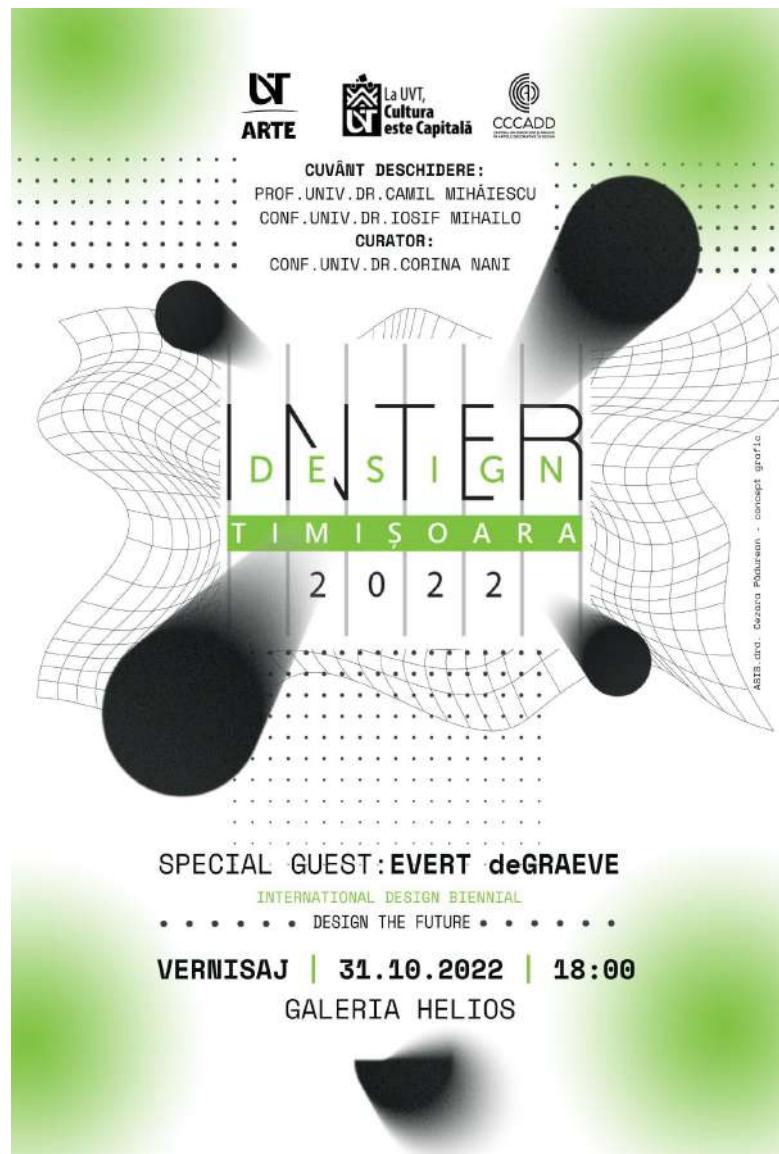
**ROMANIA**

Lecturer PhD.- Faculty of Arts and Design/  
West University of Timisoara  
**The Catcher | textile art | 2022**

## List of participants | TEXTILE DESIGN

Csilla Manolatos

Eugenia Riemschneider



**EXHIBITION**  
**HELIOS GALLERY - ROMANIA, TIMISOARA**



### OPENING SPEECH

Vice-lecturer / West University of Timisoara

#### CĂTĂLINA ANCUȚA

Dean of the Faculty of Arts and Design  
/ West University of Timisoara, Romania

#### CAMIL MIHĂIESCU

Head of the Design Department/  
Faculty of Arts and Design  
/ West University of Timisoara, Romania

#### IOSIF MIHAIGO



### SPECIAL GUEST

Co-founder of International Association  
of Jewellery Merchandise Planning  
Professionals Limited (IAJMPPL) Hong Kong

#### EVERT deGRAEVE

Moderator  
Faculty of Arts and Design  
/ West University of Timisoara, Romania

#### CORINA NANI







**WORKSHOP EVERT deGRAEVE**  
Faculty of Arts and Design - Timisoara

