Workshop & Design Challenge on Next Generation Footwear Design

Project Brief and Agenda

1st Day **11/5/2021, 17:00-19:00**	2nd Day **14/5/2021, 17:00-19:00**	3rd Day **17/5/2021, 17:00-20:00**	4th Day **18/5/2021, 17:00-17:30**
17:00 – 17:30 Teams registration 17:30 – 18:00 Presentation of the design brief, requirements and design tools 18:00 – 18:30 Presentation of educational material 18:30 – 19:00 Next steps and Discussion	17:00 – 17:30 Warm up (2' per team to present their progress) 17:30 – 18:30 Q&A session 18:30 – 18:45 Presentation of final templates 18:45 – 19:00 Discussion	17:00 – 19:45 Presentation of concepts by the teams 19:45 – 20:00 Closing remarks	17:00 – 17:15 Announcement of winners 17:15 – 17:30 Sum up and conclusions

Brief

The footwear sector is a traditional industry producing billion of products every year worldwide. Modern society demands that the next generation footwear should comply not only with high aesthetics but also with increased environmental consciousness and human wellbeing. Next generation footwear should be designed with the highest level of sustainability, performance and comfort. In order to comply with these high-level standards, the future footwear designers need to utilise scientific methods and tools in order provide detailed product designs that fulfil all expectations.

The purpose of this workshop and design challenge is twofold: first, to give the opportunity for future product designers to learn about the new challenges in the footwear sector and have a practical experience with the participation of industrial experts, and second, to disseminate and test educational material that is produced within the framework of SciLed project for the future.

The aim of this design challenge is the design of new, next generation footwear concepts that will exhibit increased sustainability, performance and comfort properties. The role of aesthetics is also crucial since no one will buy a "perfect" but "ugly" footwear.

In order to complete this design challenge all the participants have to complete at least one of the three e-learning modules which are available in the SciLed educational platform and apply the acquired knowledge in the development of their shoe concepts.

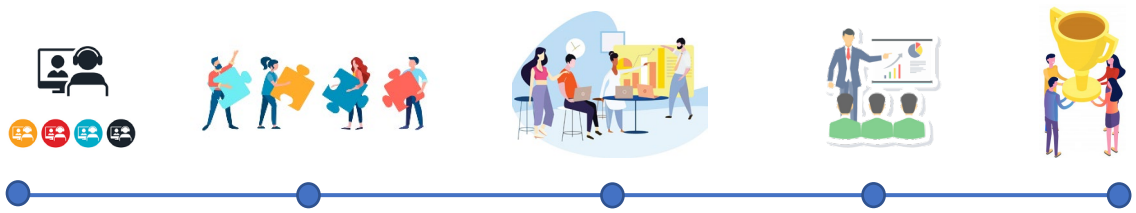
Prize

Three participants will be selected at the end of the design challenge to travel to Portugal (when the situation with COVID-19 clears out) and participate in a fab-lab with participants from 5 different countries in order to manufacture their concepts and produce physical prototypes.

Awards Committee

The awards committee will consist of a mixture of academics and industrial stakeholders with vast experience in footwear design and manufacture.

Time schedule



Webinar 10/5/2021	1st Day workshop 11/5/2021	2nd Day workshop 14/5/2021	3rd Day workshop 17/5/2021	Announcement of the winners 18/5/2021

Agenda

Webinar (10/5/2021)

Participation in the webinar is required in order to acquire basic knowledge about the field of footwear design and instructions with respect to the workshop-design challenge.

1st Day workshop (11/5/2021)

Teams will be introduced and registered. It is anticipated that a maximum of up to 20 participants from the product-design engineering departments of University of the Aegean, University of West Macedonia and University of West Attica, and from the VET centre Askardamykti will be accepted on a “first come, first served” basis.

The organizing team will present the design brief and explain some of the available tools. A short presentation of the educational platform and the e-learning material will follow.

The participants will have the chance to interact and discuss possible ideas/concepts with the industrial experts.

2nd Day workshop (14/5/2021)

The teams will give a short warm up presentation of their progress to the industrial experts and members of the organising committee.

A Q&A session will follow where the industrial experts and/or members of the organising committee will provide feedback to the participants.

3rd Day workshop (17/5/2021)

Each team will have 5 mins time to present their footwear concept to the awards committee. The presentation can include sketches, drawings, animations, 2D designs, etc. with an explanation of how the proposed concept answers the three main requirements of the current design challenge.

Announcement of winners (18/5/2021)

The awards committee will announce the winners of the design challenge.

Registration

This workshop-design challenge is addressed to the students of the product-design engineering departments of University of the Aegean, University of West Macedonia and University of West Attica, and the VET centre Askardamykti.

All interested participants should register to the workshop until **30/4/2020** using the following link: **https://forms.gle/91sQBso3v5uS85N96**

The organizing committee will register the participants in the workshop – design challenge on a "first come, first served" basis.

Organizers

The SciLed webinar & workshop is organized by the **Department of Product & Systems Design Engineering** of the University of the Aegean under the framework of the Erasmus+ Knowledge Alliance project entitled "Footwear in the 21st century: New skills for the design of drastically improved comfort, sustainable, fashion-oriented and scientifically-led footwear products - SciLed", which is co-funded by the Erasmus+ Programme of the European Union, with the collaboration of:

- University of West Macedonia, Department of Product & Systems Design Engineering
- University of West Attica, Department of Industrial Design and Production Engineering
- Askardamykti, Vocational Educational Training Centre
- Chaniotakis Shoes
- Boss-Shoes
- Athens Knit Lab
- Creative Thinking Development
- Hellenic Association of Footwear Manufacturers and Exporters

More information

More information about the SciLed project is available at: http://sciled.eu

Contact e-mail for more information about the webinar/workshop: zoikout@syros.aegean.gr