



Selection for participation in the workshop: “Making by hand. Bicycle steel frame” to be led by Dario Pegoretti as part of the San Marino Design Workshops 2013 held by the Industrial Design Programme of the Università degli Studi della Repubblica di San Marino.

Promoting body

Università degli Studi della Repubblica di San Marino e Iuav di Venezia, Industrial Design Programme

Promoting entity

Gruppo srl, Columbus division

Premise

The Industrial Design Programme of the Università degli Studi della Repubblica di San Marino is organizing the “**2013 San Marino Design Workshops. Design Connection**”, 8 workshops that will be held from 8 to 13 July 2013 and will involve a selected group of independent participants, students, institutions, and world-renowned companies and designers.

One of the 8 workshops will be entitled “Making by hand. Bicycle steel frame”; it will be open to 5 paying participants, and will be taught by Dario Pegoretti.

Goals and intents of the “Making by hand” workshop

The workshop intends to offer theoretical and practical skills finalized towards the construction, across every phase of the design process, of a tubular frame functional to cycling (a bicycle frame), with particular attention to aesthetic, technological, functional, economic and environmental factors.

Where and when

The workshop will be held in San Marino – in the historic city centre – in the spaces assigned by the Università degli Studi della Repubblica di San Marino and will last 5 working days, from Monday 8 July to Friday 12 July; the conclusion of the workshop, with the exhibition of the work accomplished during the workshops, is scheduled for Saturday 13 July 2013.

Contents and schedule

Theoretical part

- An initial theoretical section will explore the various possible geometrical configurations of the frame, contingent on the specific use (track bicycles, racing bicycles, mountain bikes, etc...)
- The geometrical configurations of the frame structure will be illustrated and examined, analyzing the differences for each type of use, with a brief historical survey of the evolution over the past decades.
- An analysis will be made of the physical and mechanical characteristics of steel as a material and of the parts that compose the frame.

Design and practical application

- Practical application of the design project in relation to the function, and assessment of congruity
- Analysis of the manual procedures required for “joining and tacking” the stays before the final phase in which the joints are welded.
- Theoretical introduction to the basic concepts of “brazing”, with practical examples of the process on the definitive tubular frame.
- Cleaning and finishing the joints
- Test of frame alignment
- Mounting the external components (assembly) to achieve full functionality of the bicycle



Number of participants and rules of organization

The workshop is open to 15 participants divided as follows:

- 10 students from the Industrial Design Programme selected with an in-house call for participation, who will attend free of charge;
- 5 independent participants who will participate upon payment of a registration fee in the amount of 1,000 € each (one thousand Euro).

In return for the registration fee, the paying participants will be able to keep the frame developed by their respective teams at the end of the workshop.

During the workshop, the participants will be divided into 5 teams of three people each, composed of one paying participant and two students, with the goal of building 5 frames (1 for each team). The workshop will be held entirely in Italian; if foreign participants so request, specific explanations in English may be provided during the workshop.

Selection rules and criteria

In order to be considered for the selection, paying participants are asked to submit their complete curriculum vitae including personal information for an evaluation of their qualifications, and a short letter of motivation.

The following qualifications will be considered preferential: participation in other similar experiences; previous working experience in the field; a good understanding of the basic elements of bicycling mechanics; motivations and reasons based on a strong passion for bicycling in general. One of the 5 paying participations will be reserved for applicants who are citizens of San Marino.

Deadlines and rules for payment

Candidates must submit their applications by e-mail to the following address:

workshop2013@unirmsm.sm on or before 21 June 2013 at 12:00 noon.

The results of the selection will be published on the website of the university

<http://disegnoindustriale.unirmsm.sm> on or before 25 June 2013. The selection will be made by a Commission formed by members of the staff of the University – Industrial Design Programme.

The five selected applicants will receive a notice by e-mail containing the information required for the payment of the registration fee, to be made by bank transfer on or before 28 giugno 2013.

Confidentiality

All the skills acquired during the workshop may be used freely by the participants after the workshop for the creation of their own objects.

Ownership of the results

The paying participant will become the owner of the bicycle frame developed within his respective team.

Publication of the results

The promoting body (University of San Marino) will maintain all publication rights and the rights to use the graphic, photographic and video material produced during the workshop. The selected subjects and participants maintain the prerogative of mentioning their participation in the event and the right to utilize the above-mentioned materials for personal use, but only on condition that the promoting body be notified in advance, to assess the request, as it may exercise its right to refuse.

By participating in this call, the selected subjects and participants in the workshop hereby authorize the Università degli Studi della Repubblica di San Marino to use their personal information, their images and video footage taken during the workshops for promotional purposes.