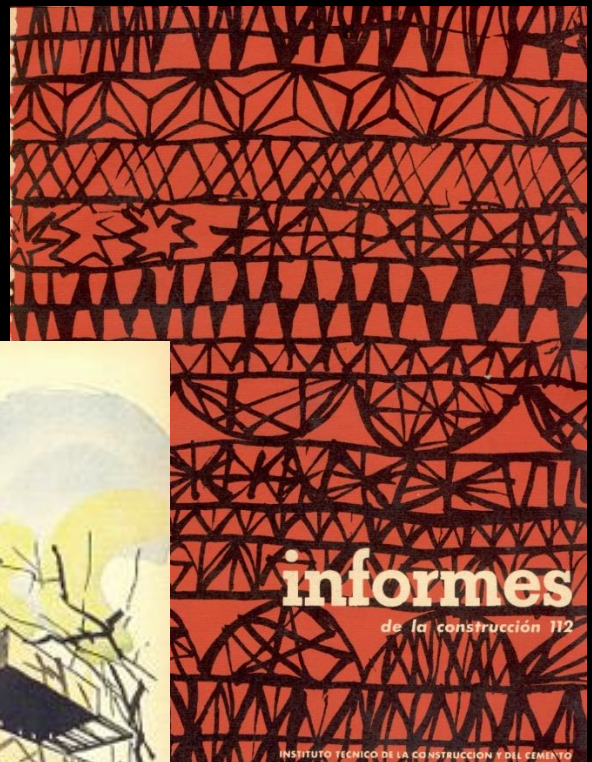


International Ideas Competition

www.fundacioneduardotorroja.org

Design of the cover for the journal “*Informes de la Construcción*”
on its 70th birthday



Ideas Competition

The **Eduardo Torroja Foundation** in collaboration with the Directorate-general of Architecture of the Ministry of Public Works, the **Instituto de Ciencias de la Construcción**, and the **Escuela Técnica Superior de Arquitectura** and the **Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos**, of the **Universidad Politécnica de Madrid** convened a "Ideas Competition" for university students of national and international Architecture, Engineering and Art Schools, in order to design a cover for the journal **Informes de la Construcción** on its 70th birthday.

Informes de la Construcción was created in 1948 by Eduardo Torroja in the heart of the Research Institute that today bears his name "Instituto de Ciencias de la Construcción Eduardo Torroja", belonging to the Consejo Superior de Investigaciones Científicas CSIC.

The contents of Informes de la Construcción are indexed in **Web of Science**: Journal Citation Reports (JCR) and Science Citation Index Expanded (SCI) since 2007; SCOPUS, Avery, CWTS Leiden Ranking (Journal indicators), REDIB and DOAJ. All papers (since 1958) can be downloaded free of charge and openly (open access) from the web

<http://informesdelaconstruccion.revistas.csic.es/index.php/informesdelaconstruccion>

Board of Trustees of the Eduardo Torroja Foundation

Consejo Superior de Investigaciones Científicas/CSIC
Confederación Nacional de la Construcción /CNC
Consejo Superior de Colegios de Arquitectos de España/ CSCAE
Colegio Nacional de Ingenieros de Caminos, Canales y Puertos
Agrupación de Fabricantes de Cemento de España/ OFICEMEN
Asociación Española de Fabricantes de Hormigón Preparado/ ANEFHOP
Asociación de Miembros del Instituto Eduardo Torroja/ AMIET
Instituto de Ciencias de la Construcción/IETcc
Fundación Banco Caminos

The promotion of this contest is carried out by the company **SIKA Spain**.

Dissemination of the Convocation of the Contest

The contest rules will be disseminated through the web pages of the entities that call and promote it, as well as all those who want to participate and provide their support.

Eduardo Torroja Foundation www.fundacioneduardotorroja.org

Instituto de Ciencias de la Construcción Eduardo Torroja www.ietcc.csic.es

Magazine Informes de la Construcción www.informesdelaconstruccion.revistas.csic.es

Universidad Politécnica de Madrid www.upm.es

Escuela Técnica Superior de Arquitectura de Madrid www.etsam.es

Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos www.caminos.upm.es

Sika España www.sika.es

1. OBJECTIVE of the IDEAS COMPETITION

The Eduardo Torroja Foundation promotes the convening of this **Design Ideas Competition** for the cover of the journal Informes de la Construcción in order to **keep alive the contribution of university students to this historic journal**. A contest created more than 50 years ago, in which many generations of students from different countries have intervened.

1.1 Any student enrolled in a Technical School of Architecture or Engineering of Civil Engineering, or Art may participate in this Ideas Competition. They have to be enrolled in any course, subject, degree, postgraduate or master degree. All students from erasmus programs are included, as well as different programs and agreements between national and foreign universities.

1.2 Each proposal (design) may be submitted individually or by groups of any number of students.

1.3 Students may submit only one design each, whether individually or as a group member

2. PRE-REGISTRATION

In order to compete, it is **necessary and essential** to proceed in the first stage to carry out the free pre-registration, by sending an e-mail to contacto@fundacioneduardotorroja.org

In this email, the following information should be sent:

- Name and surname of the contestants
- DNI number or Passport (foreigners)
- Course or subjects in which he is enrolled in the School of architecture or civil engineering.

Important: The prescription does not require submitting any work; however, to be able to appear in the contest **it is necessary to be previously registered**.

Pre-registration deadline: July 2 to September 10 2018

3. About the journal **Informes de la Construcción** 1948-2018

Before starting the design of the cover it is convenient for the students to know the **history of this journal**, which was founded by Eduardo Torroja in 1948 within the Research Institute that today bears his name, "Instituto de Ciencias de la Construcción Eduardo Torroja", belonging to the "Consejo Superior de Investigaciones Científicas".

Knowing the journal will undoubtedly be a **source of inspiration**. In addition, for those who still do not know it will be an **important discovery** that will be useful forever. In fact, through its pages you can reconstruct the **fascinating history** of the construction of the most relevant and iconic works of architecture and engineering of the golden decades of Modernity. Many of the most outstanding Masters collaborated with this magazine, among many others: **Frank Lloyd Wright**, **Steiman**, **Richard Neutra**, **Pier Luigi Nervi**, **SOM**, **A.A. Hass**, **Franco Levi**, **Félix Candela**, **Heinz Isler**, **Heinz Hossdorf**,....as well as the current vanguard of these disciplines.

A magazine that during the decades of the 50s and 60s represented for Spanish professionals, one of the few documentary sources within its reach, in which the most outstanding avant-garde of Architecture and Engineering was disseminated. Given its international impact, *Informes de la Construcción* published its summaries in five languages; Spanish, English, French, German and Italian.

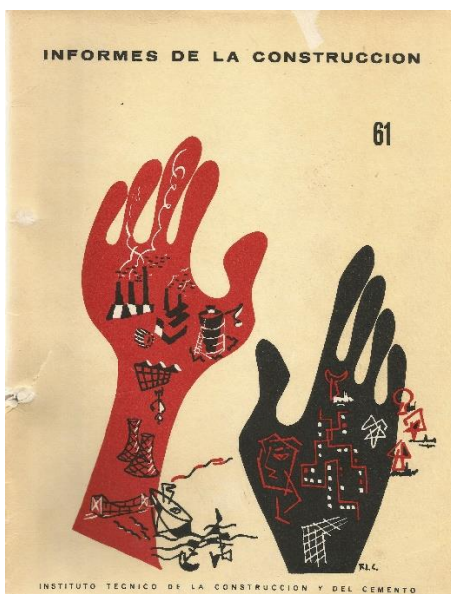


Fig.1 Cover 61. FLC



Fig.2 Cover 62

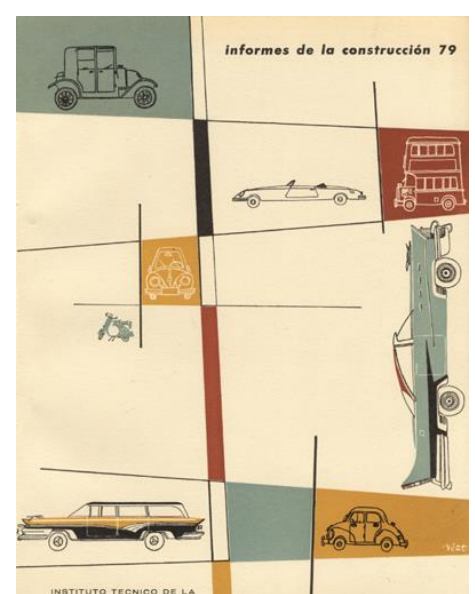


Fig.3 Cover 79. Bernard Petit

From December 1949 to 1967, all the covers of the magazine were **artistic drawings in color** that occupied the entire cover and were printed with no margins on cardboard slightly rough and matt.

Eduardo Torroja, prominent international representative of Modernity, as a sensitive defender of the harmonious union between **art and technique**, incorporated in the magazine *Informes de la Construcción* the pictorial art, not only on its covers but also in its interior content. The authors of the covers of the magazine were very diverse. Most of the covers were made by Bernard Petit, pictorial artist from the editorial team of the magazine for more than 25 years (Fig.1 and Fig.2). But there were also very special contributions, such as that of the great master of Modern Architecture, Frank Lloyd Wright, who because of his relationship with Eduardo Torroja, gave two of his original watercolors to be reproduced and used as covers for the magazine. One corresponds to the interior of the "China and Gift shop" that he made in San Francisco, published in number 25 of the magazine "Informes" (November 1950), and the other is a watercolor of the famous "Casa de la Cascada" - "Fallingwater" -, published in number 110 (April 1959) after his death (Fig.5).

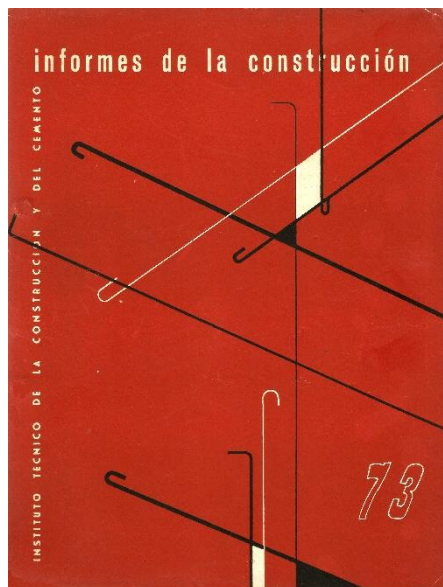


Fig.4 Cover 73

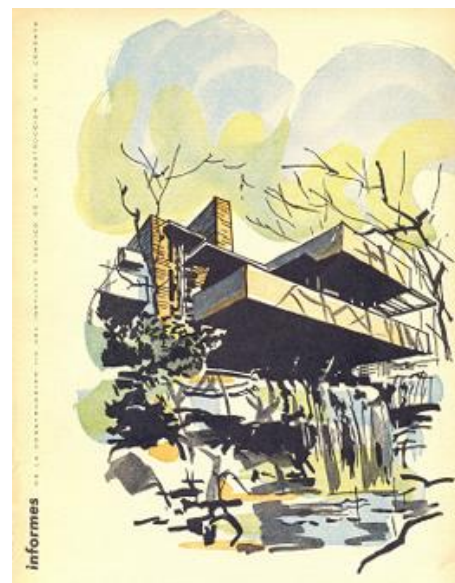


Fig.5 Cover 110. Frank Lloyd Wright

A common practice for some years was to call "competitions" to design the covers of the university journal. Among the winners of the decade of the fifties are, among others; Carlos Cano, Luis Oriol, FC L, Azpiazu, J. Cavestany, Santos Reinz, M. García Moya, A. Pérez Bellas, JE Sobrini, C. Picardo, C. Flores, J. Santiañez, Terán, M. García Moya, A. García Garrido and Rafael Moneo, spanish architect who won the Pritzker Prize in 1996. (Fig.8)

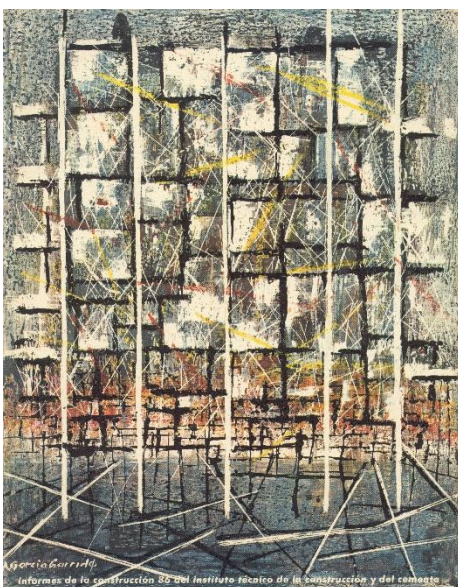


Fig.6 Cover 86. A. García Garrido

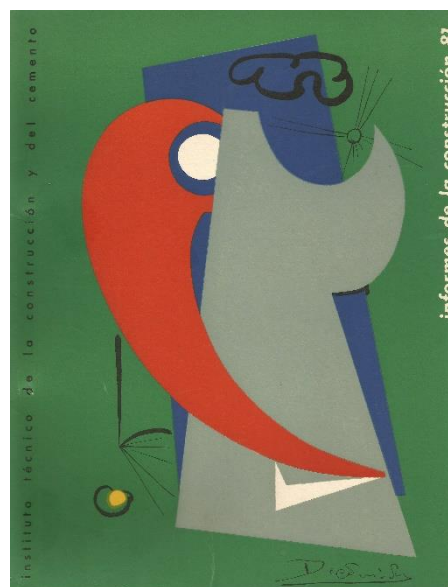


Fig.7 Cover 81

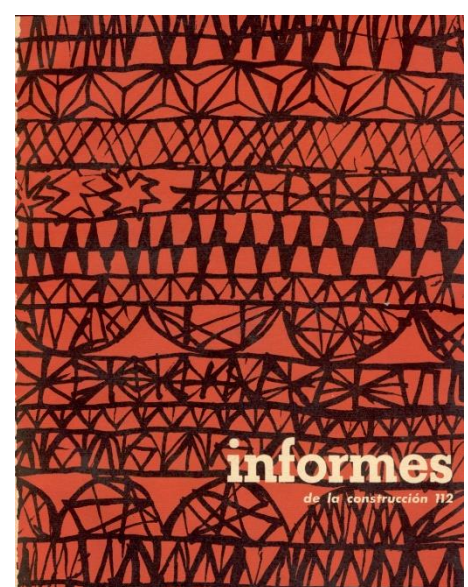


Fig.8 Cover 112. Rafael Moneo

Once this history is known, even briefly, the students will design the cover from the rewarding "feeling" of contributing to a well-deserved homage in their memory.

You can free download the book that served as a catalog for the monographic exhibition held in 2008 on the occasion of the 60th birthday of the magazine Reports of Construction. Exhibition curated by Pepa Cassinello under the title: *El Espíritu Impreso de una Idea /The Spirit of an Idea in print*

Download at <https://digital.csic.es>

Bilingual publication (Spanish- English)

4. Cover design / 70 years

4.1 Dimensions of the drawing

Currently the covers of the magazines have been adapted to an uniform design for all the magazines of the **Consejo Superior de Investigaciones Científicas de España**. Therefore, the image of the cover has been limited to occupy a certain place and dimensions.

For this reason it is **VERY IMPORTANT** that the contestants make their design with these dimensions and keeping in mind the place it occupies on the cover.

Dimensions of the drawing: **21.00 cm wide and 19.5 cm high**

On the other hand, the images that today occupy the covers are usually photographs of one of the architectural or engineering works that appear inside each issue that is published.

This contest aims to **recover the artistic design - drawing** - for the cover of the special issue of the 70 years of the magazine Informes de la Construcción. Without underestimating photography, the intention is to act in homage to Eduardo Torroja's intention to reconcile pictorial and technical art. In fact, Architecture and Engineering are closely linked to "manual thinking".



Fig.9 Cover N° 501/2006. T4 Madrid Barajas Airport

Fig.10 Cover nº508/2007. Dos Hermanas Sevilla/Cycle Track

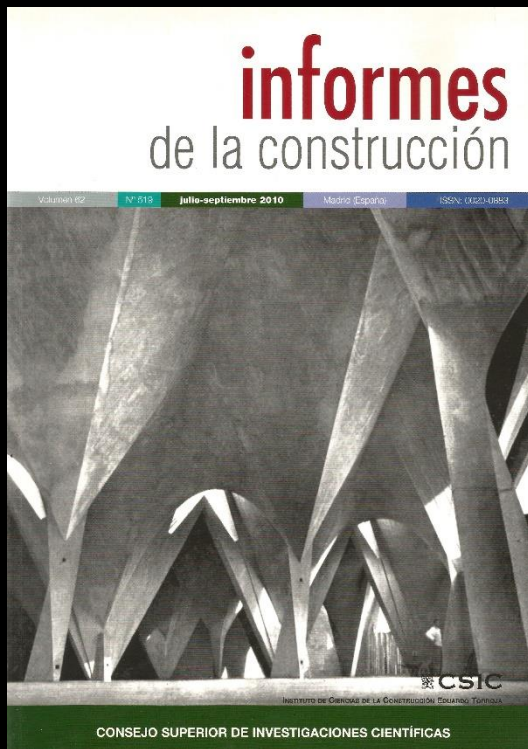


Fig.11 Cover Nº 519/2010. La Milagrosa Church. Félix Candela

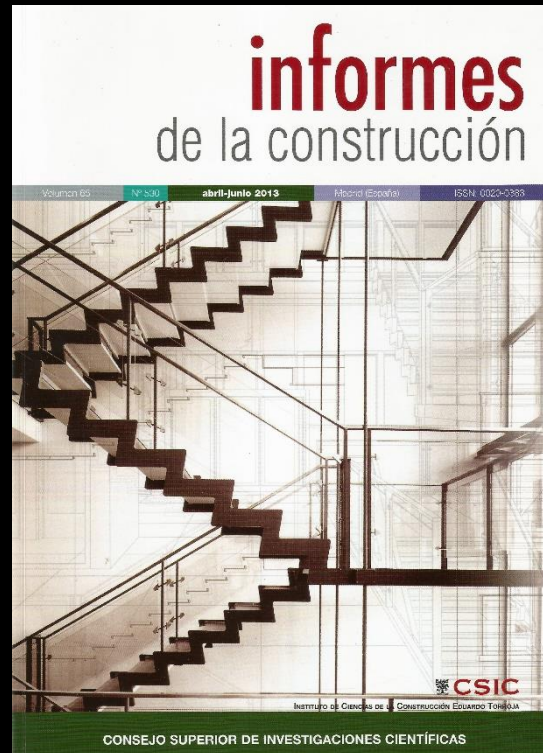


Fig.12 Cover Nº 530/2013. Stairs – Arne Jacobsen

4.2 Technique

The technique used in graphic design - drawing with color - can be the one that the student prefers.

- Can be made by hand (colored pencils, colored pens, waxes, watercolors, oil or any other)
- Or by computer using any software that is enough known by students.

4.3 Theme of drawing

The theme of the drawing is free. It can be the result of the abstraction of an idea, the representation of a concrete work of the current vanguard or of the past, an artistic image of the structural behavior of a work of architecture or engineering, or any subject that the student can imagine.

Words or numbers can be included or not, but it is not necessary. This will also be the decision of the authors.

It is about building an **attractive pictorial image** that serves to commemorate the 70th anniversary of this journal.

5. Drawing Delivery

5.1 When

Date: **September 17, 2018**

5.2 What to submit and where to send it

- You have to send the artistic drawing finished. If it is handmade, it must be scanned in **good resolution** so that it can be published both online and on printed paper.
- The drawing should be sent to email contact@fundacioneduardotorroja.org
In pdf file **maximum 5MB** called "work-motto chosen by the authors",
for example: **Enveloping Work**

Important: You must send in the same email **another pdf file "under the motto chosen by the authors"** with the names and surnames of the authors, ID number or passport and emails and School of Architecture or Civil Engineering in which you are enrolled.

This should be called "Data-chosen theme", example: **Data Envelope**

The jury will only be provided with the pdf called **Work-Motto**

6. Transfer rights publication

The fact of submitting to this Contest becomes a permit for the Eduardo Torroja Foundation to reproduce it, not only as the cover of the special issue of the 70 years, but in any other online or paper publication that it considers of interest.

7. Awards

The following will be granted:

- First Prize of **2000 euros**
- Second Prize: **1000 euros**
- Two Mentions without economical endowment

The Eduardo Torroja Foundation will deliver a diploma to each of the winners.

8. The Jury

The jury of the Competition will consist of a minimum of 8 members belonging to the organizing organizations, as well as **SIKA**, sponsor thereof.

Its composition will be informed once all the representatives have been confirmed.

It will be chaired by Jose Antonio Torroja, President of the Eduardo Torroja Foundation, and will have David Revuelta and Ignacio Oteiza as Director and Former Director of the journal Informes de la Construcción of the IETcc.

Good luck to all!
and thank you for contributing in this homage to the journal



Pepa Cassinello
Managing Director
Fundación Eduardo Torroja