



*European Steel Design Awards 2021*

Steel is recognized for its high potential in terms of strength, durability, design flexibility, adaptability, recyclability and reusability. Today's steel structures allow the best adaptation to modern life and renovation of historical elements of our built environment, being in cities or countryside. Steel is also the perfect material for reaching a circular economy while leaving the necessary room for creativity in design.

**The European Steel Design Awards** are given by the European Convention for Constructional Steelwork (ECCS) every two years to encourage the creative and outstanding use of steel in architecture. The awards are dedicated to the owners, the architects, the engineers, the general contractors and the steelwork contractors.

**ECCS** is the European Association of Steelwork Contractors, the unique platform gathering steel producers, contractors, researchers and academics. ECCS is a federation of 18 national associations of steelwork contractors.

The Professional and International Jury meeting was held online on **3<sup>rd</sup> June 2021** and counted with:

**Bernhard HAUKE**, Germany, Chairman of Promotional Management Board of ECCS and Chairman of the Jury

**Annamarie HAGOORT**, The Netherlands, Chairwoman of AC4 Architectural Awards Committee

**Christine LENOUY**, France, Secretary General of Le Syndicat de la Construction Métallique de France

**Jacques FERRIER**, France, Architect, Ferrier Marchetti Studio, Paris

**Mitsu EDWARDS**, France, Engineer, Eckersley O'Callaghan design office, Paris

**Aris CHATZIDAKIS**, Greece, President of the European Council for Civil Engineers

**Véronique DEHAN**, Belgium, Secretary General of ECCS

The European Steel Design Awards 2021 have been selected out of 23 projects submitted in total by the ECCS member associations. The overall winner ESDA 2021 Laureate, a ESDA 2021 Special Bridge Award as well as the ESDA 2021 Public Award will be chosen out of those nominees and announced in early autumn 2021.

European Steel Design Awards 2021 and nominees for the ESDA 2021 Laureate are (by country alphabetical order):

**Austria: KTM Motohall, Mattighofen**

*Circumferential, cantilevering metal bands and its visible steel sub-structure open the solid building to celebrate motorcycles. This pure and precise hot dip galvanized steel structure is an appropriate solution to this symbolic façade of lightness and transparency.*

Owner:

Mattighofen Museums-  
Immobilien GmbH

Engineer:

Unger Stahlbau  
Ges.m.b.H.

Werkraum Ingenieure ZT  
GmbH

Architect:

Hofbauer Liebmann  
Wimmesberger  
Architekten

ZT GmbH

X ARCHITEKTEN ZT  
GmbH

Mag. arch. Peter  
Wimmesberger

Steelwork contractor:

Unger Stahlbau  
Ges.m.b.H.



©Unger Stahlbau Ges.m.b.H.+ Werkraum Ingenieure ZT GmbH

## **Belgium: IMEC Parking Building, Leuven**

*This seemingly simple and aesthetic structure shows an honest industrial style and thus creates identity and image. It is a remarkable example how car parks can be done beautifully in a classic design but with optimised floor design and modern means of steel construction.*



©Infosteel vzw

**Owner:**

IMEC & KU  
Leuven

**Architect:**

Stéphane Beel  
Architects

**Engineer:**

SWECO  
Belgium

**General**

**Contractor:**

Cordeel Zetel  
Hoeselt

**Steel contractor:**

C-Metal

**Czech Republic: Dragons – the largest jewel and lighting, Saipan**

*The tradition of Chinese Dragons has been stretched to a new dimension of monumental lightness. A creative and optimal truss structure perfectly hides behind Bohemian crystal. Structural engineering which reminds of watchmaking in precision and detail manufacturing.*

Owner:

LASVIT s.r.o

Engineer:

EXCON, a.s

Architect:

LASVIT s.r.o.

General Contractor:

LASVIT s.r.o.,

Steelwork contractor:

EXCON, a.s



©EXCON a.s + T. Kolder, LASVIT s.r.o



## Denmark: Camp Adventure Forest Tower, Rønnede

*The beautiful tower enables exiting experiences tone in tone with nature. Its mathematical hyperbolic shape, optimised by parametric design, employs eco-friendly weathering steel tubes of appropriate trunk dimensions. What a natural and lovely combination of steel and timber.*



©Camp Adventure, EFFEKT Architects  
and COAST Studio

Owner:

Camp Adventure

Engineer:

Arup

Architect:

EFFEKT

General Contractor:

Levi Jensen

Steelwork contractor:

JVP STEEL POLAND Sp z o.o,

**Finland: Kuusijärvi Bridge, Vantaa**

*The bridge melts like a big horizontal tree into the Nordic landscape, reaching with its branches to the ground. Those piles resemble a group of trees themselves. With a natural form, eco-friendly weathering steel and easy deconstruction or recyclability it respects fragile nature.*

Owner:

City Of Vantaa

Engineer:

WSP Finland Oy

Architect:

WSP Finland Oy

General Contractor:

Destia Oy

Steelwork contractor:

Normek Oy



©Destia Oy, Mikael Song/ WSP Finland Oy, Sami Niemelä

## **France: Passerelle Coty, Puteaux**

*Passerelle Coty establishes with Simone de Beauvoir and Léopold-Sédar-Senghor a family of wavy footbridges. Familiar but unique, bridging the Seine but lingering along the river and enabling moments of very urban public leisure are the qualities of the new Puteaux watermark.*



©Viry Fayat Métal

**Owner:**

Ville de Puteaux

**Engineer:**

Coredia

**Architect:**

AEI Agence

**Co-Contractor:**

Vinci Construction France

**Steelwork contractor:**

Viry - Fayat Group

**Germany: Elbbrücken Train Stations, Hamburg**

*This impressive steel-class ensemble of subway and local train stations nicely dialogs with neighbouring old Elbe bridges. The inviting manifest of urban steel and lightness celebrates loving detailing and parametric variation of modernity.*

Owner:

Hamburger  
Hochbahn AG

Engineer:

schlaich  
bergemann  
partner (sbp)

Architect:

GMP - von  
Gerkan, Marg und  
Partner

Steelwork contractor:

SEH Engineering,  
Hannover



©Elisa Peppel PR & Communications, gmp · Architekten von Gerkan, Marg und Partner



**Norway: Hurtigruten Museum, Protective building for MS Finnmarken, Stokmarknes**

*The steel and glass construction encases the historic MS Finnmarken ship as striking centre piece of the Hurtigruten Museum. Such a transparent and filigree shelter is the result of contemporary means of advanced structural design and high-end steel construction pushing the possible to the sky.*



Owner:

Vernebygg AS

Engineer:

Multiconsult  
 Norge AS

Architect:

LINK  
 Architecture AS

General  
 Contractor:

Peab – Bjørn  
 Bygg

Steelwork  
 contractor:

Imtas AS

©Kjetil Myhre, Norsk Stålforbund

**Portugal: Geneva International Airport – East wing**

*The simple and robust exoskeleton structure beautifully braces the rhomboid shape whilst the inclination naturally shades the façade. This steel-like technical building with pretty connections and detailing creates an appropriate meccano feeling.*

Owner:

Aéroport  
International de  
Genève

Engineer:

Ingérop & T-  
Ingénierie SA

Architect:

Rogers Stirk  
Harbour +  
Partners,  
London /  
Jacques Bugna  
SA, Geneva

General

Contractor:

HRS Real  
Estate SA

Steelwork  
contractor:

MARTIFER –  
Construções  
Metalomecânic  
as, S.A.



©Genève Aéroport - RBI | Rogers Stirk Harbour+Partners

## **Sweden: Bridge over Vanan, Kristinehamn**

*This origami-style sculpture beautifully contributes to the landscape bridging the river. The very appropriate use of weathering steel and the integrated design accomplish this folded master piece of a footbridge.*



©Henrik Rundquist, Rundquist arkitekter ab

### Owner:

Municipality of Kristinehamn

### Engineer:

Structor Bro och anläggning  
Malmö AB

### Architect:

& Rundquist, Stockholm

### General Contractor:

NCC Örebro

### Steelwork contractor:

Stål och Rörmontage AB



## **Switzerland: Italian Bridge over the River Plessur, Chur**

*The filigree bridge structure fits the urban landscape well, is technically challenging and very lovingly detailed. This brilliant solution of elegance and lightness feels as if it always has been there, making the life of pedestrians and bikers not only easier but also beautiful.*

**Owner:**

City of Chur

**Engineer:**

Bänziger Partner  
AG

**Architect:**

Bänziger Partner  
AG

**General Contractor:**

Crestageo AG  
Mettler Prader AG

**Steelwork  
contractor:**

Toscana Stahlbau  
AG  
Joerimann Stahl  
AG  
Schneider  
Stahlbau AG



©Thomas Jaeger, Bänziger Partner AG



## The Netherlands: Schuttebusbrug, Zwolle

*The elegant S-shape, metallic painting of the main beam and bamboo cladding of the deck add a playful aspect to a busy urban space. What looks so wavy elegant and light requires extraordinary engineering skills to design and build for heavy traffic loads.*



©Annamarie Hagoort, Bouwen met Staal

Owner:

Zwolle  
Municipality

Engineer:

BAM  
Infraconsult  
  
Setzpfandt  
Beratende  
Ingenieurs  
Gmb

Architect:

IPV Delft

General  
Contractor:

BAM Infra

Steelwork  
contractor:

Victor Buyck  
Steel  
Construction

## **Turkey: Canakkale Antenna Tower, Canakkale**

*This iconic antenna tower resembles an artistic vision rather than an indispensable industrial structure. With impressive slenderness in a seismic area and appropriate weathering steels it brings elegance to the Southern sky.*

**Owner:**

Ministry of Transport

**Engineer:**

INTAC Construction  
Engineering

**Architect:**

IND  
[inter.national.design]

**General Contractor:**

Çanakkale Special  
Provincial Administration

**Steelwork contractor:**

Cakir Construction



©Yeşim Gür'eş, TUCSA



### **The Awards Ceremony for the European Steel Design Awards 2021**

Exceptionally this year, the European Steel Design Awards 2021 ceremonies will be held locally by each ECCS National Association, e.g. on their National Steel Day. However, the Laureate, the Special Bridge Award as well as the Public Award winners will be rewarded in Brussels this Autumn.

The winning projects will be published on the ECCS website: [www.steelconstruct.com](http://www.steelconstruct.com). ECCS *Steel Construction* journal will also publish a special issue on ESDA 2021.

The material may be used for press-information and publications referring to ECCS European Steel Awards 2021. Copyrights of photos must be mentioned however. Please always include also the ESDA-2021 logo. Any form of advertising is excluded.

Contact: Véronique Dehan, Secretary General, [eccs@steelconstruct.com](mailto:eccs@steelconstruct.com)