

Prof. Ing. Arch HC. Enzo Siviero

Brief C.V.

Born on 1945 in Padua, Italy. In 1969, he graduated in Civil Engineering. In 1972, he started his teaching activity at IUAV, the University of Venice, when in 1994 he became full professor of Theory and Design of Bridges. At present he is Rector of on line University eCampus Italy where he teaches Bridge Theory and Design.

In China he is Consultant Professor at the College of Civil Engineering of Tongji University, Shanghai-China, Adjunct Professor at Fuzhou University and Chang'An University, Xi'An-China, former member of CUN, National University Council at the Ministry of Education in Rome (2007-2015) and deputy president (2007-2013). Awarded the honorary degree in Architecture by Politecnico di Bari, 2009. After his Graduation, over the years he has carried out in-depth research into the theme of Bridges, devoting a large part of his academic activity to teaching structures to architects in order to reach the highest point of connection between structure and form, mechanical behaviour and aesthetics features. This objective has been carried out giving huge importance the conceptual design of bridges, paying particular attention to their integration in the landscape, in order to obtain a more sustainable and less invasive development of infrastructures. As an expert on structural mechanics and concrete structures, he has performed important researches on both these topics at National and International level within the IUAV, mainly within CEB FIP (later FIB) as member of the editorial board of CEB FIP MODEL CODE '90. With reference to the professional field, Enzo Siviero has designed several outstanding structures alone or in team with some engineers and architects. His main fields of activity are those of conceptual and detailed design, durability of concrete structures, structural diagnosis and monitoring, refurbishment and strengthening of bridges, flyovers and footbridges. He is author and editor of numerous books and articles on reinforced and prestressed concrete, management of structural works, conservation, rebuilding and strengthening of roads, bridge design and large structures. He is also author or co-author of many technical-scientific papers. In 1999, he inaugurated the exhibition "*Enzo Siviero: the theme of the bridge*" which has been presented in many Italian and European Universities. In 2009, he inaugurated his important exhibition "*Ponteggiando – Bridging*" which is currently touring various Universities all around the world, from Europe to China India Africa and America. Professionally, he is active both in Italy and abroad in the field of building industry, structures and infrastructures especially bridges, viaducts and roads. In 2019 he inaugurated the third exhibition Enzo Siviero *The Bridge Men* (Reggio Calabria Italy).

His strong international activity has promoted some important Exhibitions and Conferences on the themes of the Structural Architecture in Venice: Wolfdietrich Ziesel in 1992, Silvano Zorzi in 1995, Eugenio Miozzi and Marc Mimram in 1997, Santiago Calatrava in Venice (1995) and in Padua (1996), Eduardo Torroja (2000) and Jörg Schlaich (2005), Footbridge in Venice (2005), FIB in Naples (2006), The bridge engineering in the 20th century (Travelling Exhibition, 2006, Italian National Council of Engineers), IASS in 2007 (Venice), the international conference The World of Bridges (2001), Bridgetaly Editions in Venice 2007-2008-2009, 2011 in Como within SEWC Congress, 2013-2017 in Novedrate-Como and IABSE in Venice in 2010.

He is the supervisor of over 750 master thesis, some of which have received significant awards in Italy and abroad.

In his long career at the University Institute of Venice he has been supervisor of over 750 master's degree theses. Within National and International Phd programs like Pescara, Trieste, Trento (Italy) and Nova Gorica (Slovenia) he was mentor of 20 Phd Thesis.

From 2018 to today, the bachelor's degree thesis in eCAMPUS are at present more than 40.

He is the director of the Galileo Magazine, which he founded in 1989.

He was also Vice President and active member of RMEI-Reséau Méditerranéen des Ecoles d'Ingénieurs (now Honorary Member), deputy general Secretary General of EAMC (Engineering Association of Mediterranean Countries) and Vice-President of SEWC (Structural Engineers World Congress).

He is often invited to international conferences on bridges such as member of scientific committee and KEYNOTE SPEAKER. And November 2015 he was awarded at UKIERI Concrete Congress in Jalandhar India.

His last task within eCAMPUS are the themes: tolerance, human rights and gender problems, with relevant spring and summer schools .

Furthermore he was organizer of two more congresses in eCAMPUS Novedrate (Como): First International Congress "Bridging the future: the women's perspective" 23-25 November 2017 (in cooperation with School of Human Rights) and the second IWC-International Women Congress 9-11 May 2018, in cooperation with AYBU University Turkey. He was promoting the "G. La Pira" International Rotarian Colloquium "A new Renaissance for the Mediterranean area" Florence 17-19 May 2019 with main topic humanitarian themes.

He is also engaged in human rights as member of ODIMED (observatory of human rights in Mediterranean).

Cultural thinking, hobbies and passions

He is fond of reading and listening to Classical Music, especially Opera. He also loves travelling around the world for business or holidays. He was a competitive swimmer and an enthusiastic motorcyclist. Now, he is a happy grandfather. His favourite colour is light blue.

Enzo Siviero is the promoter of the synergy between humanistic and scientific disciplines in the profession, research and teaching, following the ancient Vitruvius's principles - *firmitas, utilitas and venustas*.

For the bridge over the Strait of Messina (Italy), has proposed the idea of the *Living Bridge* with two inhabited towers. In TUNeIT (the idea of the stable connection between Tunisia and Italy - 2015) and GRALBeIT (stable connection between Albania and Italy - 2016), just to connect Africa Europe and Asia as "visionary engineering" the theme of the fusion among disciplines assumes the character of osmosis with the involvement of different skills and Universities within a geopolitical future vision.

He is an engineer and an architect, but also a writer and a poet. He calls himself "a visionary, a dreamer and "the BRIDGEMAN". With some autoironic feeling, he also defines himself as a "transgenic engineer".

As a communicator, he is able to connect - with his heart and smile - even the most distant worlds.

His motto is *BRIDGING CULTURES AND SHARING HEARTS*, as the Mediterranean Cultural Way of the Men acting for the Men worldwide.

He considers the bridge theme as a metaphor for dialogue, sharing and respect, well aware that his "bridging" is not limited to the physical meaning of "bridge", but it also involves the emotional significance and the suggestions that everyone, perhaps unconsciously but certainly in a systematic way, makes widespread use of.

He loves bridges in all their forms and expressions: ancient and modern, real and virtual, physical and metaphysical.

His latest publications, *Il Ponte Umano* (The Human Bridge) and *LIBER AMICORUM* for the bridge man, are a collection of thoughts, memories and feelings that combine poetry with projects, emotions with the photographs of the places, the Siviero's interior and external journey.

In these books, which contain many proofs of affection by Academic authorities, friends and colleagues the character of the scholar - who is engaged in the present time with intensity and passion, and never forgets that life is a gift to be shared with others - strongly emerges.

In October, 2015, he received the important award Al Idrisi 2015, "For his contribution in the drawing and realization of bridges all over the world, not only among different physical sides, but also for their human meanings. For this reason, he is named "The Bridge - man" among human beings, people and cultures".

In October, 2017, in Rome he received the award "Premio Europeo Capo Circeo" for his contribution of Connecting Peoples Sites and Cultures within the Mediterranean Regions.

Awarded on 11 July 2020 in Letojanni Taormina for the poem "Il Ponte Infinito" with the "Peace and Spirituality Award" organized by the Cultural Association of the Euromediterranean Art Academy. More recently he was awarded as first prize on literary competition for his poetic thoughts and short article on Mediterranean culture.

Awarded for Engineering Educational Activity:

In 1998, the Awarding Commission of the Steel Prize awarded the IUAV Department of Architecture Building at the Venice School of Architecture directed by Enzo Siviero the Master Degree in Steel Construction

More than 20 master theses were rewarded by the Italian Association of Steel Structures and 3 of them received the European Prize.

On April 12th 2022. awarded with **WFEO MEDAL IN EXCELLENCE OF ENGINEERING EDUCATION.**

The WFEO Medal of Excellence in Engineering Education was created in Madrid, in November 1999, during the 18th General Assembly of WFEO. The Medal was to be presented biennially hereafter, helping direct world attention to the importance of continuing improvement in the quality, delivery and relevance of engineering education and training.

The World Federation of Engineering Organizations is the leading body for professional engineering institutions. Founded in 1968, it has national members from around 100 countries representing around 30 million engineers. It works with the United Nations and other international institutions to address engineering issues, promote globally agreed good practices, and address sustainable development challenges around the world.

Through these activities, it regularly engages with governments, policy makers and UN leaders to present the engineering perspective. Member of the Social and Economic Council of the United Nations and we co-lead the United Nations Leading Group for Science and Technology. Official partner of UNESCO and our Secretariat is based at their headquarters in Paris.

Awarded for projects:

Footbridge on the Bacchiglione river at Ponte San Nicolò, Padua, 1998

This work was awarded the International BIM Prize in 1999

(Best built work in prefabricated reinforced concrete)

Bridge on Canale Tergola in Villa del Conte, Padua, 1999

The "bridge on Canale Tergola" is awarded by the Mention of Honor within International Biennial of Architecture "Barbara Cappochin' Prize, edition of 2005.

He is the winner as leading group of the international competition "Ponte dei Congressi" in Rome 2001 now at the stage of final design.

Footbridge over the Adige river in Legnago, Verona, 2005

The work has received the prize "territorial planning and development planning Luigi Piccinato 2005" of Veneto Region.

Refurbishment of an historical bridge in Borgo Tossignano, Bologna, 2006
The work was awarded by Footbridge Awards 2008, Porto - Portugal.

Official web site www.enzosiviero.it

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