



**Trevor "Steve" Lewis**  
Owner | Principal

**Nationality:** UK/US

**Qualifications:**

- Licensed Professional Engineer PE (CA/NY/FL/NV/TX/LA)
- NCEES # 19-283-73
- BEng (Hons)
- PhD (Light-weight structures)
- Fellow of Royal Society of Arts

**Insights:**

- High transparency, long span enclosures
- Structural engineering
- Peer review
- Design assist
- Design professional
- Complex geometry
- Digital parametric workflow and computational design and engineering
- Leadership
- ETFE
- Form-finding
- Point supported glass
- Structural glass
- Art installations
- Digital workflow and parametric engineering and design

Steve is the principal and owner of Bimception Inc. Steve is an expert in façade and specialty structural engineering in addition to being a practitioner and developer of digital workflow with application to structural engineering.

Steve first received his bachelor's degree in civil engineering from the University of Warwick, UK along with his PhD in light weight structures.

Steve's career has led him to be involved worldwide on many iconic structures of different complexity and systems. Materials include glass, cables, fabric, steel, ETFE and aluminum. Architects include HOK, Gensler, Frank Gehry and Associates, Moshie Safdie.

Steve's career started in the UK at Tensys - a light weight structures consultant - before moving to Los Angeles to work as a senior engineer at ASI (Advanced Structures Inc). Here he worked with a fantastic team of architects, designers, engineers, fabricators, and installers and was lucky to be exposed to the full process of construction from design to installation. At ASI Steve worked on still the world's largest glass clad cable net, New Poly in Beijing.

In the US Steve joined Arup and Buro Happold, where as an Associate he lead the engineering of structures with assistance of methods developed by Steve for digital workflow using parametric tools and analysis software. Projects such as Artic and Singapore jewel were instrumental in utilizing digital workflow for delivery.

Next Steve joined Walter P Moore where he became a principal acting as the specialty structures leader, delivering engineering scope with his team on iconic projects such as SO-Fi, Falcons, and Allianz field stadium.

Steve has written and presented at many conferences worldwide including twice at MIT for ACADIA and the IASS. He is a professional engineer (Civil) in California, Florida, New York, Nevada, Texas and Louisiana. He is also a fellow of the Royal Society of Arts (FRSA).

Today, after setting up his practice, Steve and his team of collaborators look to agility leverage technology developed, knowledge gained and experience earned to continue to help deliver projects for clients requiring engineering scope for structure and skin that can be; simple or complex, small or large, subtle or iconic.

