

Innovative Construction Materials Awards 2022 Materials Division of The Hong Kong Institution of Engineers

2022.06.07

We are honoured to receive the **Grand Award** of the Innovative Construction Materials Awards 2022 of the Materials Division of the Hong Kong Institution of Engineers (HKIE) for our research work:

Effective use of high strength S690 steel and associated welding technology in construction

as announced by the HKIE Materials Division at its Annual General Meeting on 7 June 2022. Organized by the HKIE Materials Division, the **Innovative Construction Materials Awards** recognize outstanding contributions and achievements in the area of development and invention of innovative materials for building or infrastructure construction. These Awards are given to innovations that have made significant improvement in functional performance and favourable impact on sustainability, quality, productivity, cost effectiveness and safety in the construction material industries. These Awards aim at fostering and encouraging continuous innovation across construction materials industries.

The Judging Panel of the **Innovative Construction Materials Awards 2022** consists of:

- Ir C. S. WAI *GBE, JP*
Managing Director of Urban Renewal Authority (Chairman of the Judging Panel)
- Ir Prof. C. S. POON
Head, Department of Civil and Environmental Engineering, the Hong Kong Polytechnic University
- Ir Humphrey H. K. HO
Assistant Director, Buildings Department
- Ir Dr. Julian S. H. KWAN
Assistant Director and Chairman of SCCT, Civil Engineering & Development Department, and
- Ir Daniel H. W. LEUNG
Assistant Director, Hong Kong Housing Authority

Prof. K. F. Chung, Director of CNERC, attended an interview at the HKIE Headquarters on 23 April 2022.



The Judging Panel visited CNERC on 13 May 2022, and Prof. Chung presented the abovementioned research work to the Judging Panel at the Structural Engineering Research Laboratory (Laboratory Y001) of The Hong Kong Polytechnic University.



**HKIE Materials Division Innovative Construction Materials Awards 2022
Results from the Judging Panel**

Application/Product Owner	Name of Product/Application	Award Won	Owner's Representative
China National Research Center for Steel Construction (HK Branch) & Hong Kong Polytechnic University	Effective use of high strength S690 steel and associated welding technology in construction	Grand Award	Ir Prof. CHUNG Kwok Fai
Score Tech Mortars Co Ltd in collaboration with HKMU & Lab Specialist Co., Ltd	Score Tech Eco Super Finish for Interior Use "ST-ESF"	Certificate of merit	Vincent Lau/Ken Lai
Nano and Advanced Materials Ltd (NAMI)	Lightweight & Energy Saving Concrete for Sustainable MiC	Certificate of merit	Dr Ivan Sham
GeneMix Construction Materials Co. Ltd	GeneMix FS1100 Lightweight Floor Screed	Certificate of merit	Dr. Garfield X GUAN/Mr. Chris KH CHOW
Flexcrete Technology Ltd (owner) & Sobute New Materials Co Ltd (partner)	G.Seed (Modulus CEM)-High performance engineered green concrete	Certificate of merit	Wong Chi Kuen/Yau Yee Sun