The F.W. Taylor Medal for 2023 has been awarded to Professor Ping Guo, Northwestern University, USA, for his paper: “One step machining of hierarchical optical structures for autostereoscopic images”, presented in the STC-P session of the CIRP General Assembly held in Bilbao in 2022.

Prof. Guo receiving the F.W. Taylor Medal from the President of CIRP, Prof. Bert Lauwers.

The paper was co-authored by Prof. Wang and sponsored by Prof. Jian Cao, who also nominated professor Guo for the Taylor Medal Award.

Prof. Guo’s work presents the use of ultraprecision machining to create “hierarchical optical structures” on a flat surface to achieve autostereoscopic effects. A new ultraprecision machining process that can generate the designed multi-scale surface structures in one step was demonstrated.

We sincerely congratulate Professor Ping Guo on his outstanding scientific work, which has been recognized by the CIRP F.W. Taylor Medal.