

## Special Issue

# Advance in Carbon Fiber-Reinforced Polymer Structure

### Message from the Guest Editors

At present, carbon fiber-reinforced polymers (CFRPs) are widely used in aviation, aerospace, defense, automobile and other industrial fields. With the increasing requirements of high properties, including a long servicing life and high efficiency, the structural design and forming process of key CFRP components are facing great challenges. Original fiber, forming technology, bonding methods and servicing conditions have a significant impact on the structural design and manufacturing of CFRP composites, and so it is urgent to develop advanced CFRP technologies to meet the new requirements. Therefore, we propose to set up a Special Issue titled “*Advance in Carbon Fiber-Reinforced Polymer Structure*” to publish articles concerning the design, numerical simulation, forming methods and industrial application of key CFRPs, so as to provide a centralized communication platform for relevant researchers, promoting the application of CFRPs in varying industries. We are looking forward to your valuable contribution!

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### Guest Editors

Prof. Dr. Yizhe Chen

Prof. Dr. Hui Wang

Prof. Dr. Youming Chen

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### Deadline for manuscript submissions

closed (25 October 2022)



## Crystals

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## About the Journal

### Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli  
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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