



# Contents

## Editorial

**Samantha Wilkinson, Secretary of the British Carbon Group**

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This issue of the BCG newsletter advertises some further details of upcoming Carbon conferences and events, including Carbon 2024 – The World Conference on Carbon on 14-19<sup>th</sup> July 2024, Shenzhen World Exhibition & Convention Center, Shenzhen, China. The BCG is still accepting Brian Kelly award nominations. The award is intended as a travel grant (£750) for students and early career researchers with up to 10 years of postdoctoral

## Future Event : 7th EDF-Energy Nuclear Graphite Conference

**6-9<sup>th</sup> May 2024, Manchester**



## Future Event : Carbon 2024 – The World Conference on Carbon

**14-19<sup>th</sup> July 2024, Shenzhen World Exhibition & Convention Center, Shenzhen, China**

[Carbon2024 \(sz-graphene.ac.cn\)](http://sz-graphene.ac.cn)

Tsinghua Shenzhen International Graduate School, Shenzhen University of Advanced Technology, and the Institute of Metal Research, CAS, have the honour of organizing The World Conference on Carbon, which will take place in Shenzhen, China, from July 14th to 19th, 2024. This congress is the most important one in carbon science and by tradition it takes place in the America, Europe, or Asia, and this year will be held, for the third time, in China with the support of the Shenzhen Science Technology and Innovation Commission. This conference plans to receive more than 450 abstracts from over 30 countries. It will have 5 plenary lectures, 40 keynote talks, 160 oral presentations, and around 200 posters, of excellent scientific quality, will be presented.

Themes this year are:

Nano carbons: graphene, graphdiyne, CNTs and  
fullerenes

## Cosmic Fullerenes

J. Cami<sup>1,2</sup>, P. Ehrenfreund<sup>3</sup>, H. Linnartz<sup>3</sup>, A. Manchado<sup>4</sup>, E. Peeters<sup>1,2</sup>

*Fig. 1 (top) The continuum-subtracted Spitzer-IRS spectrum of the planetary nebula Tc 1 (black) compared to (thermal) models for  $C_{60}$  (red) and  $C_{70}$  (blue). Figure taken from [2]. (bottom) Laboratory spectrum of  $C_{60}^+$  showing clear absorption bands at the wavelengths of the observed diffuse interstellar bands (DIBs) at 9577 and 9632Å. Fig. from [3].*

Despite much research since the initial discovery, the inter

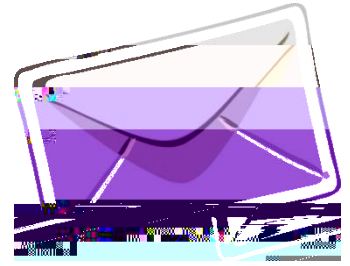




## Contact to the Group

The BCG welcomes feedback from its members, so please get in touch with us if you attended one of our events and it sparked an idea, you have been involved in a particularly interesting project or have any other thoughts which might be of interest to the rest of the group!

Please submit any thoughts to [samantha.wilkinson@uknnl.com](mailto:samantha.wilkinson@uknnl.com)



## Items for the next newsletter – Submit an Article

We'd like to hear what you're doing, what you think of the British Carbon Group, any ideas you may have for networking opportunities or anything else you think would be of interest to the rest of the Group. We plan to publish the next Newsletter in Autumn 2024.

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