

Colóquio do PPENGFIS:

“Frontiers of the employment of graphene-derived nanocomposites in environmental technologies”

● LIVE

09/05/2022

16h

Local: Plataforma Google Meet
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Resumo:

“Frontiers of the employment of graphene-derived nanocomposites in environmental technologies”

In the past years, several researchers and institutions around the globe have concentrated their efforts on the development of nanocomposites of great capacity to treat water/atmospheric streams and for energy generation and storage. However, the use of novel technologies in environmental remediation nowadays poses as one of the main challenges in face of the limitation of resources. In this presentation, it shall be discussed the assessment of ongoing research regarding the employment of graphene-based nanomaterials (GBNs) in environmental technologies. Among them, it can be found portable and flexible solar cells, wastewater treatment by adsorption, photocatalysis, UF/NF, antibacterial properties and the capture of greenhouse gases.

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