



GRAPHENE
MEETS GRAPHITE:
TOWARDS
A CLEANER
ENVIRONMENT

ONLINE WORKSHOP
FRIDAY
4TH SEPTEMBER
10.15 – 11.45



CENTRE FOR DIALOGUE
AT CAMPUS RIEDBERG

ONLINE SESSION
4TH SEPTEMBER
10:15 – 11:45
ES VIRTUAL ROOM

AS YOUNG SCIENTISTS, WE ARE LOOKING FOR SOLUTIONS TO THE MODERN PROBLEMS OF HUMANITY. WE ARE WORKING ON MODERN COMPOSITE MATERIALS BASED ON GRAPHENE – A MATERIAL WITH MANY POSSIBLE APPLICATIONS. AS ENGAGED CITIZENS, WE ARE TRYING TO MAKE PEOPLE AWARE OF THE NEED TO REDUCE POLLUTANT EMISSIONS.

IN OUR INTERDISCIPLINARY AND INTERACTIVE WORKSHOP WE WILL DISCUSS THE FOLLOWING SUBJECTS:

- WHAT IS rGO, WHY IT CAN BE USED AS A SORBENT AND WHY IT IS BETTER THAN COMMON MATERIALS,
- THE PURIFICATION OF DRINKING WATER FROM HARMFUL COMPOUNDS SUCH AS PERFLUORINATED COMPOUNDS, DYES OR HEAVY METALS,
- BIO-COMPOSITES BASED ON CELLULOSE WITH ADDED GRAPHENE OXIDE.

DURING THE WORKSHOP, WE WILL SHOW SOME PRACTICAL SOLUTIONS FOR ENVIRONMENTAL ISSUES. WE WILL DISCUSS IN CREATIVE WAYS THE RELATION BETWEEN GRAPHENE AND GRAPHITE.

THIS WORKSHOP IS ORGANIZED BY AN INTERDISCIPLINARY AND INTERNATIONAL GROUP OF STUDENTS FROM THE UNIVERSITY OF BIELSKO-BIALA, THE EBERHARD-KARLS-UNIVERSITY OF TÜBINGEN, THE GOETHE-UNIVERSITY OF FRANKFURT A.M. AND THE HUMBOLDT UNIVERSITY OF BERLIN. THEY RECEIVED A TRAVEL GRANT FROM THE CENTRE FOR DIALOGUE AT CAMPUS RIEDBERG.

SOUNDS INTERESTING?

REGISTER AT
WWW.ESOFEU

AND TAKE PART IN OUR WORKSHOP!