

TIPSCI 2025

I had the joy of participating alongside my schoolmate, Andrei Ispășoiu. From the very beginning, I felt the excitement of a real challenge, as well as the enthusiasm of working in a team within an international context.

During the biology section, we had to examine organisms under the microscope and solve various tasks from the worksheets. It was an experience that tested our attention and precision, but which also fascinated us through the complexity of the cellular world, observed so closely. It allowed us to put into practice everything we had learned throughout middle school from our teachers.

Chemistry brought its own set of challenges. Emotions were intense, as every drop mattered and each colour change had to be noticed in time. We were required to perform the calculation of a solution's concentration using data obtained from the experiment and other things. We managed to work with calm and precision, even though time was passing incredibly fast.

During the physics section, we performed measurements of densities, forces, and other physical quantities, while also calculating absolute and relative errors. It was perhaps the most demanding test, where we truly realised how important logic, structure, and the knowledge gained from both physics theory and mathematics really are. We performed accurate calibrations, analysed data, and compared experimental values to theoretical ones. The satisfaction of success was truly motivating, especially since we were awarded the gold medal.

This experience meant a lot to me. I learned to work under pressure, to communicate effectively, and to defend my ideas in a competitive environment. I felt part of an international community of passionate young scientists, and this opportunity made me see science as a bridge between cultures, ideas, and the future. We won the bronze medal in the end.

Carla Lăzăroaie / Colegiul Național „Gheorghe Lazăr” Sibiu / Romania



Left to Right: Gabriela Săndulescu (Biology Teacher),
Carla Lăzăroaie, Andrei Ispășoiu, Iuliana Pop (Physics
Teacher), Dana Crețeanu (Chemistry Teacher)