

New Year's Reception 2022

Technology Transfer Award 2021 | Transcript

Speaker:

Build your own organic solar cells. Such an experiment out of a suitcase is not only fun, but also teaches technical know-how in a playful way. In this way, Professor Banerji brings research into the classroom and shows how exciting the natural sciences are.

Prof. Dr. Amitabh Banerji:

I myself was particularly enthusiastic about STEM subjects in school. But I've found that it's not popular with many fellow students and school-age children. But I think we can agree that the world around us is becoming more and more technologized. So, the experiment is the method of choice, especially in chemistry, when it comes to gaining knowledge.

We want to combine both: the experiment for the motivation, for the hands-on experience, but we also want to develop learning materials, so that the theory does not come too short, and that it is not only a nice pretty experiment that people remember.

We focus mainly on topics that are relevant for society, such as energy problems, nutrition, and water. That is, these "global problems" of mankind. And currently, we are mainly researching the field of semiconductors.

The "organic photoelectronics" suitcase is, so to speak, our first suitcase product. So, it's really a suitcase for learning that contains all the materials to implement this topic in the classroom - in a set for the whole class.

By trying to bring new technology innovations into the classroom, we want to, on the one hand, prepare students for tomorrow's life, but also generate young talent for the technology/STEM field.

Speaker:

A ready-to-go concept that is inspiring. The chemistry professor wins the Berlin-Brandenburg Innovation Award. And he is honored by Potsdam Transfer and UP Transfer GmbH – with the Transfer Prize for a small suitcase experiment with a big impact.

Sascha Thormann:

Not only have you developed a technology via boXperiment, but this technology is also transported into society, into schools. And that convinced us this time and that's why we are happy.

Prof. Dr. Amitabh Banerji:

Thank you very much. I am really touched by this. Because it is also a project close to my heart. We hope to be able to use your prize and the publicity to conduct teacher training courses in 2022.

