



Editorial

You have in your hands a special issue of *Foton (Photon)*, the journal for Polish physics teachers and their students, edited at the Marian Smoluchowski Institute of Physics of the Jagellonian University. Władysław Natanson, one of the best Polish physicists devoted deeply to physics education, wrote more than one hundred years ago that the most dangerous enemy of good teaching is boredom.

Foton's editorial team is working hard to help teachers to convince their students that physics is not boring and abstract, it is not far away from everyday life; on the contrary – it is present everywhere, even in the most unexpected phenomena. We are fully conscious that this is not an easy task, if we are not going to cheat a bit and simplify too much. But one has to try, and try again.

We know that each student is different. They differ not only in their talents, intellectual abilities, ambitions, but also in their interests. We care for our future scientists (future theoreticians maybe) challenging them by posing more advanced abstract problems (e.g. the article on Borsuk-Ulam theorem, or the article on dendrites and on Brownian motions). We present short articles considering the power of physical methods in archeology and medicine. We also show simple and very intriguing small problems far removed from the old school routine (The Lion Cub Competition). We hope to show a “human face” to all those who pretend not to understand physics, or worse still, who pretend to hate physics.

Our goals, as *Foton's* editors, overlap with the European Project “Physics is Fun”; so we have supported the project by taking part in it.

We hope that you find *Foton* interesting. We invite you to collaborate, by writing for us, or by exchanging articles (as we did recently with *The Physics Teacher*).

Zofia Gołąb-Meyer

