

**Problem V.P ... CERN on Mercury?** 10 points; průměr 9,80; řešilo 10 studentů

*On the surface of Mercury, the atmosphere is approximately as dense as the vacuum tubes at CERN, in which scientists conduct experiments to investigate particle physics. Would it be a good idea to move the experiments to Mercury and perform them on its surface? Mention as many arguments as you can and elaborate on them.*

Bonus: *Suggest the best place to build an accelerator.*

*Karel was looking at the table of pressures.*

*Michal Červeňák*  
miso@fykos.org

---

FYKOS is organized by students of Faculty of Mathematics and Physics of Charles University. It's part of Media Communications and PR Office and is supported by Institute of Theoretical Physics of CUNI MFF, his employees and The Union of Czech Mathematicians and Physicists. The realization of this project was supported by Ministry of Education, Youth and Sports of the Czech Republic.

This work is licensed under Creative Commons Attribution-Share Alike 3.0 Unported.  
To view a copy of the license, visit <https://creativecommons.org/licenses/by-sa/3.0/>.