



**“Gheorghe Asachi” Technical University of Iasi, Romania**



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## **INDOOR AIR QUALITY IN EDUCATIONAL INSTITUTIONS IN ESTONIA**

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### **Abstract**

The indoor climate of educational institutions (kindergartens, secondary schools and universities) in Estonia is investigated. The main hazards for students' health are: the high concentration (over 800 ppm) of carbon dioxide in the classrooms that refers to the inappropriate ventilation; the non-ergonomic computer workplaces where the direction of the natural light (without blinds for the windows) is causing glare on the monitors; the low humidity of the air in winter; the low air temperatures in the classrooms in winter and high temperatures in the warm season. The recommendations for technically and economically effective improvement possibilities are given.

*Key words:* CO<sub>2</sub> concentration, education, indoor air, lighting

*Received: September, 2011; Revised final: January 2012; Accepted: January, 2012*

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