



# Postgraduate education on hygiene of non-ionizing radiation: program and organization for teaching process

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The number of the non-ionizing radiation (NIR) sources has been increasing continuously at work places and residential areas. The exposure pattern gets more complicated, the new methods and instruments for measurements and dosimetry are developed, the new scientific data on hygienic NIR assessment at the occupational and general public exposure conditions appears. As a result, raising the level of NIR experts' skill becomes urgent.

Program of postgraduate education on hygiene of NIR was developed and now introduced for sanitary doctors, physicists, engineers of the testing laboratories, ecologists and occupational safety specialists.

The training course lasts for 2 weeks and consists of the following subjects:

- hygiene of electromagnetic field (0–300 GHz) sources, including the environmental electromagnetic pollution aspects;
- hygiene of microclimate and lighting factors;
- hygiene of vibroacoustic factors, including preventive measures for reduction of their adverse effects in occupational conditions;
- safety arrangement of work places equipped with personal computers;
- methods of the hygienic NIR assessment and the conditions of work classification.

Special attention is focused on familiarization with the new methods and instrumentation for measurements and dosimetry of NIR. Methods and means of protection against NIR are also studied.