

Programme "Innovative technologies of nuclear medicine and radiotherapy"

Curator of programme: **Vladimir A. Klimanov**, Professor PhysBio of MEPhI

| July 24, Tuesday, MEPhI, A-100 | | July 25, Wednesday, MEPhI, A-100 | | July 26, Thursday, MEPhI, A-100 | | July 27, Friday | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------|
| 09.00-10.00 | Registration | | | | | | |
| 10.00-11.20 | Andrey Postnov (Burdenko Neurosurgery Institute, MEPhI) <i>Basics of PET in clinical practice</i> | 10.00-11.20 | Vladimir Klimanov (MEPhI) <i>Physics and radiobiology of radiation therapy</i> | 10.00-11.20 | Valeriy Krylov (A. Tsyb Medical Radiological Research Center) <i>Radionuclide therapy. Modern opportunities and prospects.</i> | 10.00-14.00 | <i>Excursions to the laboratories of MEPhI</i> |
| 11.20-11.30 | Break | 11.20-11.30 | Break | 11.20-11.30 | Break | | |
| 11.30-12.50 | Amelie Roue and Albertine Dubois CEA Saclay (France) <i>CEA Saclay programme in medical physics field</i> | 11.30-12.50 | Dmitriy Chuvilin (National Research Center «Kurchatov Institute») <i>Radioisotopes in nuclear medicine</i> | 11.30-12.50 | Yuriy Anokhin (MEPhI) <i>New types of remote therapy for cancer patients. Proton therapy, gamma-therapy, angiography</i> | | |
| 12.50-13.00 | Break | 12.50-13.00 | Break | 12.50-13.00 | Break | 14.00-18.00 | <i>Departure of participants</i> |
| 13.00-14.20 | Irina Zavestovskaya (MEPhI) <i>Nuclear nanomedicine</i> | 13.00-14.20 | Vladimir Klimanov (MEPhI) <i>Modern and promising methods and technologies of radiotherapy</i> | 13.00-14.20 | Yuriy Anokhin (MEPhI) <i>Brachytherapy - stages of technology. Reproductive health in cancer patients.</i> | | |
| 14.20-15.20 | Lunch | 14.20-15.20 | Lunch | 14.20-15.20 | Lunch | | |
| 15.20-16.40 | Natalia Epshtejn (MEPhI) <i>Radiopharmaceuticals in nuclear medicine</i> | 15.20-17.00 | <i>Excursions to the laboratories of MEPhI</i> | 15.20-16.40 | Olga Klement'eva (Burnasyan Federal Medical Biophysical Center) <i>Introduction to preclinical studies of radiopharmaceuticals</i> | | |