



SEMINAR&WORKSHOP

Synergy of nuclear sciences and medical physics: Education and training of medical physicists in the Baltic States

RER/0/028 “Improving Educational and Training Capabilities in Nuclear Science and Applications”

PROGRAM (draft)

Kaunas University of Technology

(together with Oncology Clinic of Kaunas Medical University Hospital and Kaunas Medical University Hospital branch Oncology Hospital)

22-24 September, 2010

22 September (Kaunas University of Technology, K. Donelaičio g. 73, Kaunas)

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| 9.00- 9.15 | Welcome to Kaunas University of Technology: Kaunas University of Technology: Research & Innovation (Leonas Balaševičius, KTU Director for Science affairs) |
| 9.15-10.30 | Presentation of the project RER/0/028 and meeting objectives (Diana Adlienė, Lithuania) |
| 10.30-11.15 | Education and training on radiation safety and protection in Latvia. (Prof. Yuri Dekhtyar, Riga Technical University) |
| 11.15-11.30 | Coffee break |
| 11.30-12.15 | Medical Physics education, training and research in Lithuania (Prof. Diana Adlienė, KTU Physics Department) |
| 12.15-13.00 | EXPERT LECTURE: Education of hospital physics in Sweden (Bo Nilsson, Sweden) |
| 13.00-14.00 | Time for the lunch |
| 14.00-15.45 | Status of MP education and training in different countries: Albania, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia |
| 15.45-16.00 | Coffee break |
| 16.00-18.00 | Status of MP education and training in different countries (continued): Hungary, The Frmr. Yug.Rep. of Macedonia, Poland, Slovenia, Slovakia, Ukraine, Kazakhstan, Montenegro, Romania, Uzbekistan |

23 September (Hotel Perkūno namai, Perkūno al. 61, Kaunas)

- 8.45-9.30 EXPERT LECTURE: Medical physics training and education: an interdisciplinary endeavour (Dag Rune Olsen, Norway)
- 9.30-10.15 EXPERT LECTURE: European competency based core curriculum in medical physics for radiation therapy - jointly developed by ESTRO and EFOMP (Dag Rune Olsen, Norway)
- 10.15-11.00 EXPERT LECTURE: Education of hospital physics in Stockholm, basic radiation physics courses (Bo Nilsson, Sweden)
- 11.00-11.15 Coffee break
- 11.15-12.00 EXPERT LECTURE: Education of hospital physics in Stockholm, clinical courses and thesis projects. Bo Nilsson, Sweden)
- 12.00-12.45 EXPERT LECTURE: Medical physics education and the importance of a strong academic and research based learning environment (Dag Rune Olsen, Norway)
- 12.45-13.15 New trends in the education and training of MP at Vilnius University: synergy of science, technology and medicine (Prof. Ričardas Rotomskis, Laboratory of Biomedical Physics, Institute of Oncology, Vilnius University and Dr. Violeta Karenauskaitė, Department of Quantum Electronics, Physics Faculty, Vilnius University)
- 13.15-14.15 Time for the lunch
- Visit to Oncology Clinic of Kaunas Medical University*
- 14.45-17.00 Training and research possibilities for MP students at the **University Hospital of Kaunas Medical University** (Prof. Elona Juozaitytė, Head of Oncology Hospital, L. Jaruševičius, Antanas Vaitkus, MP, Donatas Mažuolis, MP)

24 September (KTU Faculty of Fundamental Sciences, Studentų g. 50, Kaunas)

- 9.00-9.15 Education at the Faculty of Fundamental Sciences of Kaunas University of Technology (assoc. prof. Vytautas Janilionis, Dean and prof. Giedrius Laukaitis, Vice Dean of the Faculty of Fundamental Sciences)
- 9.15-10.00 Training capacities on medical radiation safety at the Riga Technical University promoted by the IAEA project LAT9006 (Prof. Aldis Balodis, Riga Technical University)
- 10.00-10.45 Training on nuclear and LINAC radiation safety at the Oncological center of Latvia. (Sandia Plaude, MP, Latvian Oncological Centre)
- 10.45-11.00 Coffee break
- 11.00-11.30 High education system in Lithuania (Assoc. Prof. Saulius Raila, and Lena Ancevičiene, Lithuania)
- 11.30-11.45 Technological potential in Radiology in Lithuania (Dr. Marius Laurikaitis, MPt, Oncology Hospital of Kaunas Medical University)

- 11.45-12.00 Practical exercises for MP students at Kaunas Medical University Hospital (Dr. Inga Cibulskaitė, Head of Radiation Protection Department, Kaunas Medical University Hospital)
- 12.00-12.15 Practical training capabilities for MP at KTU promoted by Swedish Government (Senior lecturer Gediminas Adlys, KTU Physics Department)
- 12.15-13.00 Visit to Dosimetry laboratories at KTU (Gediminas Adlys, Diana Adlienė)
- 13.00-14.00 Time for the lunch

Visit to Oncology Clinic of Kaunas Medical University branch Oncology Hospital

- 14.30-17.00 Training possibilities for the MP students at **Oncology Hospital of Kaunas Medical University** (Dr.A.Andrejaitis, Head of Department, Dr. Marius Laurikaitis, MP, Jurgita Laurikaitiene, MP)
- 17.00-18.00 Round table discussion