



July 20-21, 2018, MEPhI, Moscow, Russia

The International workshop on Medical Imaging

20 July, Friday, conference hall, 3rd floor

9.00-10.00 Registration

10.00-10.20 Opening ceremony. Greeting speeches.

10.20-11.00 Prof. Dr. Hans-Peter Meinzer, German Cancer Research Center, Heidelberg, Germany. ***Introduction lecture.***

11.00-11.40 Andrey Bashkov, Federal Scientific and Clinical Center of Federal Medical Biological Agency, Moscow, Russia. ***3D modeling of the liver in the planning of surgical interventions.***

11.40-12.00 Break

12.00-12.40 Prof. Dr. Franciszek E. Binczyk, Silesian University of Technology, Gliwice, Silesia, Poland. ***Convolutional Neural Networks.***

12.40-13.20 Dr. Natalia Rubtsova, Aleksandr Khalimon, National Medical Research Radiology Center, Moscow, Russia. ***3D CT-angiopulmonography in the planning of VATS (video-assisted thoracoscopic surgery) anatomical lung resection.***

13.20-15.00 Lunch

15.00-15.40 Prof. Igor Pronin, Burdenko Neurosurgery Institute, Moscow, Russia

15.40-16.20 Prof. Dr. Klaus Maier-Hein, German Cancer Research Center, Heidelberg, Germany. ***Medical Image Computing and Machine Learning.***

16.20-16.40 Break

16.40-17.20 Dr. Elena Zvezdkina, A. Troitskiy, A. Kedrova, V. Lesnyak, Federal Scientific and Clinical Center of Federal Medical Biological Agency, Moscow, Russia ***Whole-body Magnetic Resonance Imaging for the primary staging of oncological processes.***

17.20-18.00 Prof. Dr. Lena Maier-Hein, German Cancer Research Center, Heidelberg, Germany. ***Surgical Data Science.***

18.00-19.00 Round table discussion

19.00 Workshop dinner

21 July, Saturday

10.00-14.00 Excursions to the laboratories of MEPhI

16.00 Moscow Kremlin tour