International Workshop on:

"Quantum Computing & Quantum Engineering"

Program

Date: September 21st, 2020

Place:<u>Dardanos</u>, <u>Çanakkale, Turkey</u>

9:30 Opening Remarks:

       Prof. Ihsan Yilmaz, "18th of March" University of Canakkale, Turkey

       Prof. Ioan Ştefan Sacală, Politehnica University of Bucharest

       Prof. Eden Mamut, Black Sea Universities Network

       Mr. Matthew Viljoen, EGI Operations Manager, The Netherlands

10:00 Prof. Ihsan Yilmaz, "18th of March" University of Canakkale, Turkey *„Quantum Signal Processing"*

11:00 Dr. Sebastian Feld, LMU Munich, QAR-Lab, "*Quantum Machine Learning at LMU's QAR-Lab*"

12:00 Prof. Nicolae Ţăpuş, Prof. George Popescu, *"Quantum Computing Research in Politehnica University of Bucharest"*

12:45 Short Brake

13:00 Prof. Michael Savchuk, Andrey Fesenko, Daria Yadukha, *"Research on Quantum Computing and Post-quantum Cryptography at Igor Sikorsky Kyiv Polytechnic Institute"*

13:30 Prof. Eden Mamut, "Ovidius" University of Constanta - *"From Engineering Thermodynamics to Quantum Engineering"*

14:00 Dr. Ozlem Salehi Koken, "Ozyegin" University of Istanbul - *"Teaching Quantum Computing through Hands-on Quantum Programming Workshops"*

14:30 Moderated discussion
Moderators: Prof. Ihsan Yilmaz, Prof. Eden Mamut, Dr. Cumali Yaşar

15:30 Closure

11:00 Opening Remarks:

Prof. Ihsan Yilmaz, "18th of March" University of Canakkale, Turkey

Prof. Ioan Ştefan Sacală, Politehnica University of Bucharest

Prof. Eden Mamut, Black Sea Universities Network

11:10 Dr. Mihai Datcu, DLR Germany - *"Quantum Resources: Perspectives for Earth Observation"*

12:00 Moderated discussion

Moderators: Prof. Ihsan Yilmaz, Prof. Eden Mamut, Dr. Cumali Yaşar

12:30 Closure