



Funded by the European Union



Event: Microfluidic chips fabrication and application in pharmacokinetics based on fractional models, MEDLEM summer school

Date: 26/09/2017 – 02/10/2017

Place: Faculty of Technical Sciences, University of Novi Sad, Novi Sad, Serbia, F-block, room F-319, third floor.

A G E N D A

No.	Day, Date	Timetable	Activities
1.	Tuesday, 26/09/2017	10:00 ÷ 11:00 11:00 ÷ 12:00 12:00 – 13:00 13:00 ÷ 17:00	Lecture 1: <i>Fractional Calculus and application of its models in Medicine</i> , prof. Dragan T. Spasić Lecture 2: <i>Low cost multilayered microchip fabrication technology</i> , Dr Somyot Chirasatitsin <i>Lunch break</i> Laboratory work 1: <i>Design and fabrication of microfluidic chips</i> , Marko Vasiljević Toskić and Sanja Kojić
2.	Wednesday, 27/09/2017	10:00 ÷ 10:45 10:45 ÷ 11:30 11:30 ÷ 12:00 12:00 – 13:00 13:00 ÷ 17:00	Lecture 3: <i>Parameter identification and simulation in time domain of fractional systems</i> , prof. Dragan T. Spasić Lecture 4: <i>On proteins and bile acids role in pharmacokinetics</i> , prof. Momir Mikov Lecture 5: <i>Ethical aspects in pharmacogenomics</i> , prof. Karmen Stankov <i>Lunch break</i> Laboratory work 2: <i>Characterization and testing of fabricated microfluidic chips (chip and material characterisation)</i> , Sanja Kojić and Milan Radovanović
3.	Thursday, 28/09/2017	10:00 ÷ 11:00 11:00 ÷ 12:00 12:00 – 13:00 13:00 ÷ 16:00	Lecture 6: <i>Experimental data processing and fractional model predictions</i> , Dr Miodrag Žigić Lecture 7: <i>Inputs on hard-tech startup inception in the twenty-first century</i> , Dr Guilhem Velvé Casquillas <i>Lunch break</i> Laboratory work 3: <i>Summarizing experimental results and preparing a base for scientific papers</i> , Goran Stojanović and Sanja Kojić



Funded by the European Union



Participants of the MEDLEM summer school are offered to attend 15th IEEE EAST-WEST DESIGN & TEST SYMPOSIUM (EWDTS 2017) and social events within it since Friday, 29/09/2017 till Monday, 02/10/2017. The symposium will be held at Rectorate building, Dr. Z. Djindjica 1.

4.	Friday, 29/09/2017	15:00 ÷ 19:30	Attendance of the 15th IEEE EAST-WEST DESIGN & TEST SYMPOSIUM (EWDTS 2017)
		17:00 ÷ 22:00	Visit to the manifestation <i>Researchers' night</i> (optional), Shopping mall BIG, Novi Sad
5.	Saturday, 30/09/2017	09:00 ÷ 14:30	Attendance of the 15th IEEE EAST-WEST DESIGN & TEST SYMPOSIUM (EWDTS 2017),
		14:30 ÷ 15:30	MEDLEM project presentation
		15:30 ÷ 20:00	Excursion 1
6.	Sunday, 01/10/2017	09:00 ÷ 14:00	Attendance of the 15th IEEE EAST-WEST DESIGN & TEST SYMPOSIUM (EWDTS 2017)
		15:30 ÷ 22:00	Excursion 2
7.	Monday, 02/10/2017	09:00 ÷ 14:00	Attendance of the 15th IEEE EAST-WEST DESIGN & TEST SYMPOSIUM (EWDTS 2017),
		14:00 ÷ 14:30	Closing conference