

Physical Chemistry

Friday, 11 February 2022

Physical Chemistry: Physical Chemistry I (13:00 - 15:00)

time	[id] title	presenter
13:00	[4] APPROACH OF USING THE OPPOSITE CHIRALITY OF CROWN ETHER STATIONARY PHASES IN CHIRAL RECOGNITION OF TETRAPEPTIDE ENANTIOMERS	UPMANIS, Toms
13:15	[19] IDENTIFICATION OF THE MAIN DYESTUFFS PRESENT IN BARKS OF ALDERS, BIRCH, OAK AND ASPEN	VALKOVSKA, Valda
13:30	[18] PLASMEPSIN II LABELING STRATEGIES TO STUDY CONFORMATIONAL CHANGES OF BINDING SITE WITH NMR SPECTROSCOPY	DRUNKA, Laura
13:45	[9] CYCLODEXTRIN BASED METAL ORGANIC FRAMEWORK CRYSTALLIZATION AND EVALUATION AS POTENTIAL DRUG CARRIER	KRŪKLE-BĒRZIŅA, Kristīne
14:00	[2] Control possibilities of 2,6-dimethoxybenzoic acid conformational polymorphism using crystallization additives	SEMJONOVA, Aina
14:15	[7] FINE-TUNING SOLID STATE LUMINESCENCE PROPERTIES OF MOLECULAR CRYSTALS VIA SOLID SOLUTION FORMATION	Mr SARŠŪNS, Kristaps
14:30	[15] MECHANOCHEMICAL PREPARATION OF CRYSTAL FORMS OF SELECTED PHARMACEUTICAL SUBSTANCES	ČERPAKOVSKA, Zane
14:45	[21] USE OF SELECTIVE MOF FORMATION FOR SEPARATION OF α -, β - AND γ -CYCLODEXTRINS	KRŪKLE-BĒRZIŅA, Kristīne

Physical Chemistry: Physical Chemistry II (15:15 - 17:15)

time	[id] title	presenter
15:15	[10] MIRCOCALORIMETER PERFORMANCE DETERMINATION AND STABILITY DETERMINATION OF NITROCELLULOSE-BASED SUBSTANCES AND THEIR COMPARISON WITH CHROMATOGRAPHIC RESULTS	MEIJERS, Kaspars
15:30	[12] COST GAINS AND CO ₂ REDUCTION IN GREENHOUSE HEATING BY AIR TO WATER HEATPUMP LATVIA DURING 2ND HALF OF 2021.	AUCE, Agris
15:45	[16] Impact of physical pretreatment on thermal properties of coursed sheep wool fibers	AVOTINA, Liga
16:00	[5] GRAPHENE IN LAYERED NANOSTRUCTURES	BAITIMIROVA, Margarita
16:15	[14] Mass-separation of $^{43,44,47}\text{Sc}$ radionuclides from irradiated natural Ti targets at the CERN-MEDICIS facility	MAMIS, Edgars
16:30	[17] X-RAY INDUCED DEFECTS IN LITHIUM ORTHOSILICATE AND LITHIUM METATITANATE CERAMICS PREPARED USING SOLID STATE SYNTHESIS METHOD	TOMELE, Madara
16:45	[13] Metallic nanoparticle dispersions for conducting ink preparation	NOVIKOV, Aleksandrs
17:00	[20] THERMAL ANALYSIS AND IR SPECTROSCOPY USAGE TO DETERMINE THE DEGREE OF SULFONATION OF SPEEK	BOGDANOV, Dmitrijs