

RadChem 2022

Thursday, 19 May 2022

Radiation Chemistry: RCH 1 - Red Hall (13:30 - 15:00)

-Conveners: Simon Pimblott; Václav Čuba

time	[id] title	presenter
13:30	[1035] Chemical Effects of Ionizing Radiation on Molten Salt Systems	PIMBLOTT, Simon
14:00	[1021] Activation of novel prodrugs by X-rays and gamma rays - towards combined chemo- and radiotherapy with little side effects	LIU, Juncheng
14:20	[1033] Effects of high dose rates from sub-10-Gy ultrashort electron pulses on the yields of fluorescence chemical dosimeters	Dr PRECEK, Martin
14:40	[937] Impact of electron density on reactions and stability of one-electron oxidized phenyl sulfonates in aqueous solution	Dr NEMETH, Tamas

Radiation Chemistry: RCH Poster - Gallery (17:15 - 18:45)

time	[id] title	presenter
17:15	[908] Poly(hydroxyethyl methacrylate) as a host matrix for the radiolytic synthesis of hydrogel – Au(0) nanocomposites	COQUERET, Xavier
17:23	[1023] Transformation of n-hexane on the surface of initially modified nano-Al ₂ O ₃ surface of the catalyst in an oxygen medium under the influence of gamma rays.	Mr MAHMUDOVIĆ, Hokman
17:31	[1046] Radiolytic alteration of organic matter in uraniferous environments studied by artificial irradiations	MIZERA, Jiří
17:39	[1063] Study of cell protective effects of alcohols against UV-C radiation	NEUŽILOVÁ, Barbora
17:47	[1066] Dosimetric characterisation of SCIOX Beam, an X-ray cabinet for experimental radiation chemistry	HOŠNOVÁ, Iveta Terezie
17:55	[1040] One-pot synthesis of polymeric hydrogel with Albumin nanoparticles	B. LUGAO, Ademar
18:03	[1045] Investigating the mechanism behind the radiation-induced photochemical properties of photo-active substances	XU, Bing
18:11	[1093] Radiation- and photo-chemical synthesis of nanocrystalline scintillators at CTU in Prague	PROUZOVÁ PROCHÁZKOVÁ, Lenka