



Status and plans of chemical research with heaviest elements at PSI and FLNR

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In this contribution, we discuss the status of chemical research with heaviest elements at the Paul Scherrer Institute (PSI) in Switzerland and the Flerov Laboratory of Nuclear Reactions (FLNR), Russian Federation. Besides providing an overview over our current initiatives at PSI, we will present the status of preparation of the very first chemistry experiment at the Superheavy Element Factory of FLNR, targeting elements flerovium and copernicium in a 50-days-long campaign. The talk will conclude with our plans regarding future chemical investigations of superheavy elements, namely a reliable chemical characterization of nihonium as well as shorter-lived radioisotopes of elements beyond flerovium.