Considered is an autonomous linear planar weakly delayed differential system. Its general solution is constructed utilizing the Laplace transform. All the cases are specified of the solutions merging. Moreover, ordinary differential systems are considered such that general solutions of both delayed and non-delayed systems coincide when a transient interval is passed. Initial data for the relevant non-delayed systems are used such that these define the same solution as the corresponding initial data to the delayed system. An analysis of previous findings is given with illustrative examples considered. Some open problems are suggested as well. (This is a join work with A. Derevianko.)

JOSEF DIBLIK, Brno University of Technology, Brno, Czech Republic *Linear planar differential weakly delayed systems with constant coefficients*