The Projective Fraïssé limit of the class of all connected finite graphs with confluent epimorphisms

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We show that the class of finite connected graphs with confluent epimorphism is a projective Fraïssé class and we investigate the continuum obtained as the topological realization of the projective Fraïssé limit. This continuum was unknown before. We show that it is indecomposable, but not hereditarily indecomposable, one-dimensional, Kelley, pointwise self-homeomorphic, but not homogeneous. It is hereditarily unicoherent and each point is the top of the Cantor fan. Moreover, the universal solenoid, the universal pseudo-solenoid, and the pseudo-arc may be embedded in it.
(joint work with Włodzimierz J. Charatonik, Aleksandra Kwiatkowska)