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**Franz Forstneric\*** (`franc.forstneric@fmf.uni-lj.si`), Faculty of Mathematics and Physics,  
University of Ljubljana, 1000 Ljubljana, Slovenia. *Mergelyan's and Arakelian's theorems for  
manifold-valued maps.*

In this talk I will present the proof of Mergelyan's approximation theorem for maps from compact subsets of open Riemann surfaces to any Oka manifold, and the proof of Arakelian's theorem on uniform approximation of holomorphic maps from closed subsets of plane domains and certain other Riemann surfaces to any compact complex homogeneous manifold. (Received January 11, 2019)