Decidability of algorithmic problems in finitely generated metabelian groups is a well-studied area, even though some famous algorithmic problems here still stand widely open. Furthermore, the complexity of the known decision algorithms is mostly unknown. It seems there is a big gap in our knowledge between decidability and complexity in metabelian groups. Is it by chance or there are real reasons? In this talk I will address the question above and discuss some new results. (Received March 12, 2017)